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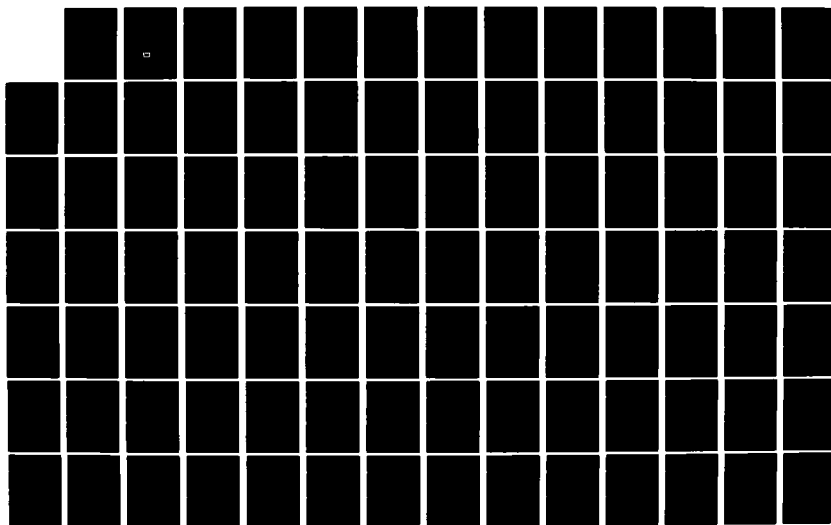
WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR  
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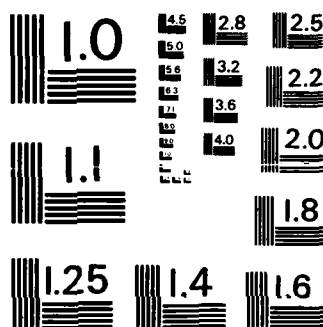
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# WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1980

PART 2  
WATERWAYS AND HARBORS  
GULF COAST, MISSISSIPPI RIVER SYSTEM AND ANTILLES



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DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

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# WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1980

## PART 2

WATERWAYS AND HARBORS  
GULF COAST, MISSISSIPPI RIVER SYSTEM AND ANTILLES

COMPILED UNDER THE SUPERVISION OF  
THE WATER RESOURCES SUPPORT CENTER  
U. S. ARMY CORPS OF ENGINEERS  
FORT BELVOIR, VIRGINIA

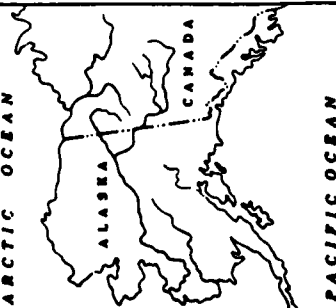
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# PART 4

ARCTIC OCEAN



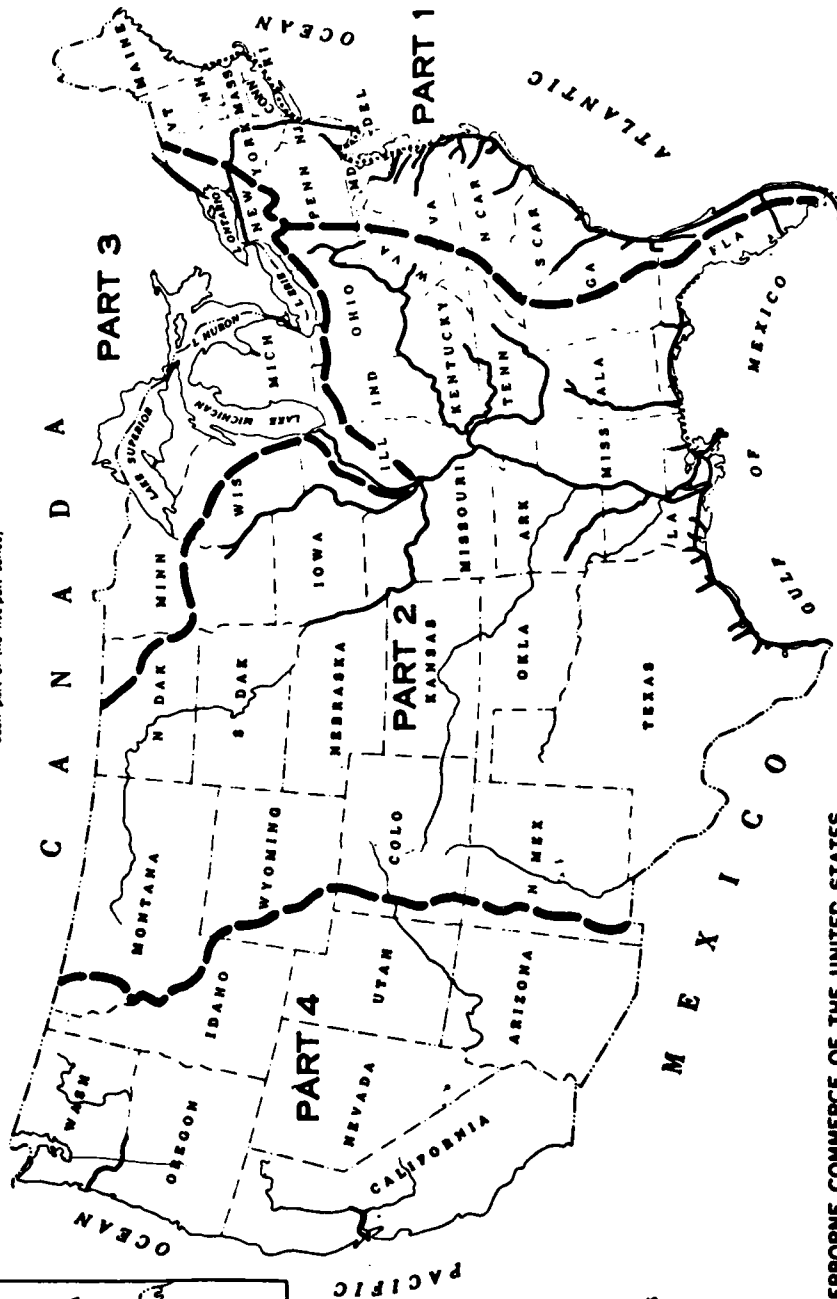
PACIFIC OCEAN

SCALE HALF INCH

## Geographical Areas Covered by Waterborne Commerce Statistics Publications of the

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

(Heavy broken lines indicate the limits embraced by  
each part of the five-part series)



### INLAND WATERWAYS LEGEND

- PRINCIPAL IMPROVED WATERWAYS
- ..... (IN OPEN WATER)

# PART 4

PACIFIC OCEAN



Part 1 - Atlantic Coast

Part 2 - Gulf Coast, Mississippi River System and Antilles

Part 3 - Great Lakes

Part 4 - Pacific Coast, Alaska and Hawaii

Part 5 - Waterborne Commerce of the United States  
(National Summary)

# PART 2

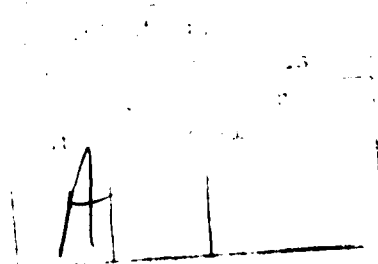
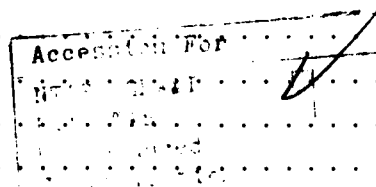
ATLANTIC OCEAN



# PART 5

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## INTRODUCTION

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1980. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

### Area

- Part 1. Atlantic Coast
- Part 2. Gulf Coast, Mississippi River System, and Antilles
- Part 3. Great Lakes
- Part 4. Pacific Coast, Alaska, and Hawaii
- Part 5. Waterborne Commerce of the United States (National Summaries)

Both the foreign and domestic commerce of the United States by water are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922:

Sec. 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of \$100 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the inland rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1980 but not reported to the Corps of Engineers until after 28 February 1981 will be included in the next year's, 1981, statistics rather than in this publication, while reports of movements completed in 1979 but reported to the Corps after 28 February 1980 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense controlled cargo and Special Category Items."

The 1980 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1980 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

The figures on ton-miles are computed by the Corps of Engineers; each ton-mile figure reflects only the distance each ton of cargo, foreign or domestic, moved on the waterway described in the section for which the figure is reported. The summary of ton-miles for the entire United States contained in Part 5 includes movements on the inland waterways and Great Lakes System only; cargoes, foreign and domestic, of deep-sea vessels are included only for that portion of the voyage that occurred in inland rivers, canals, or connecting channels—neither the carriage on the oceans and the Gulf of Mexico nor the tonnage moved among the territories and possessions, "Intra-territory Traffic," are taken into account.

Trips of vessels at ports are reported as inbound, which represents the number of entrances or arrivals; and outbound, which represents the number of clearances or departures. On the waterways, the number of trips signifies the number of individual vessel movements on the waterway in each direction; a single trip is counted for each vessel using the waterway in a continuous direction regardless of the number of stops made on the waterway. Some towboat trips and empty barge moves are sampled to expedite processing and reduce cost. Even with sampling, however, the number of towboat trips are calculated from better than 70% of the total number of towboat moves reported and the number of barge trips are derived from better than 85% of the total number of barge moves reported. The number of trips reported includes vessels engaged in foreign trade, which are furnished by the Bureau of the Census based on Customs Entrance and Clearance forms. Complete information on trips of vessels, ferry and other, not required to clear formally was not furnished by the Bureau of Customs beginning with data for the year 1969. Adjustments are made to the trip counts, if necessary, to more accurately reflect actual traffic patterns (e.g. inbound vs. outbound trip counts).

Customs regulations with regard to entrance and clearance do not provide all data as required by the Corps of Engineers where supplementary information could be obtained, adjustments were made by the Corps of Engineers to reflect the true volume of vessel movements in and out of channels and harbors reported in these publications.

Excluded from these figures are United States Army and Navy vessels, such as Army transports and Navy tankers entering or clearing without commercial cargo, and foreign military and naval craft.

Some duplication may exist in the number of vessel trips at ports for those American Flag vessels engaging both foreign and domestic trade on the same voyage. Since movements of vessels and cargo between two United States ports are reported to the Corps of Engineers, and entrance and clearance must be obtained from Customs at each port of call while foreign cargoes are aboard, those vessels engaged in combined foreign and domestic movements may be reported twice.

Draft, in all cases, is the distance from water level to the lowest point of the vessel under-water and is measured when the vessel is completely stopped-either tied to a dock or at anchor. The draft under way-while the vessel is moving-is dependent on many factors, such as speed of the vessel and depth and width of the channel, and varies from channel to channel. Channel depth of at least 3 feet more than the draft of a vessel at dock is required where vessels must be operated at slow speed. Channel depth of 5 feet more than the draft of a vessel at dock is required in channels where vessels can be operated at more efficient and economical speeds.

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1980 in Bar Harbor, Lubec, Eastport and Portland Harbor.

Foreign data on various connecting channels having no terminal facilities, such as Cape Cod Canal, and Chesapeake and Delaware Canal, are not available from Census records. Hence, the Corps of Engineers developed such data from canal records.

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1980 of harbors and waterways in the area covered by this Part of the statistics series. SECTION 2 presents data on the movements of vessels at the harbors and on the waterways included in the first section.

#### TERMS FOR KIND OF TRAFFIC

The terms applied to the kinds of traffic as found in these publications are explained as follows:

##### Pertaining to Ports

Imports and exports.-These terms apply to traffic between the United States and foreign ports, including the Canal Zone. Traffic of U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise receipts and shipments.-These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, or Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are internal bodies of water; therefore, traffic confined to these areas is "internal" rather than "coastwise."

Lakewise receipts and shipments.-These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal receipts and shipment.-These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems, marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important arms thereof; and movements between offshore installations and inland waterways.

Local.-Movements of freight within the confines of a port whether the port has only one or several arms or channels, except car-ferry and general ferry, are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intraterritory receipts and shipments.-These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A., which are considered as a single unit.

##### Pertaining to Rivers, Federal and Private Canals, Connecting Channels, and Intracoastal Waterways

The terms "imports," "exports," "coastwise receipts," "coastwise shipments," "internal receipts," and "internal shipments" are used as at ports.

Upbound and downbound.-These terms are applied to movements within the confines of a river, intracoastal waterway, canal, or a segment of one of these channels as described in the "Section Included" for each channel.

Inbound and outbound.-Traffic moving from one waterway into another is termed "outbound" in the case of the shipping waterway and "inbound" with respect to the receiving waterway.

Through traffic.-Traffic moving through a waterway to and from points on other waterways is termed "through traffic."

#### General Terms

Freight reported under the terms "car ferry" or "general ferry" is not directly included in the port or channel tonnage, but is separately stated and tabulated.

## COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

Note: The commodity descriptions used in the statistical tables in this publication are abbreviated forms-to conserve printing space-of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 21-Tobacco Products	
0101	Cotton, raw	2111	Tobacco manufactures
0102	Barley and rye	Group 22-Basic Textiles	
0103	Corn	2211	Basic textile products, except textile fibers
0104	Oats	2212	Textile fibers not elsewhere classified
0105	Rice	Group 23-Apparel and Other Finished Textile Products Including Knit	
0106	Sorghum Grains	2311	Apparel and other finished textile products, including knit
0107	Wheat	Group 24-Lumber and Wood Products Except Furniture	
0111	Soybeans	2411	Logs
0112	Flaxseed	2412	Rafted logs
0119	Oilseeds, not elsewhere classified	2413	Fuel wood, charcoal, and wastes
0121	Tobacco, leaf	2414	Timber, posts, poles, piling, and other wood in the rough
0122	Hay and fodder	2415	Pulpwood, log
0129	Field crops, not elsewhere classified	2416	Wood chips, staves, moldings, and excelsior
0131	Fresh fruits, including imported bananas and plantains	2421	Lumber
0132	Bananas and plantains	2431	Veneer, plywood, and other worked wood
0133	Coffee, green and roasted (including instant)	2491	Wood manufactures, not elsewhere classified
0134	Cocoa beans	Group 25-Furniture and Fixtures	
0141	Fresh and frozen vegetables	2511	Furniture and fixtures
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	Group 26-Pulp, Paper and Allied Products	
0161	Animals and animal products, not elsewhere classified	2611	Pulp
0191	Miscellaneous farm products	2621	Standard newsprint paper
Group 08-Forest Products		2631	Paper and paperboard
0841	Crude rubber and allied gums	2691	Pulp, paper and paperboard products, not elsewhere classified
0861	Forest products, not elsewhere classified	Group 27-Printed Matter	
Group 09-Fresh Fish and Other Marine Products		2711	Printed matter
0911	Fresh fish, except shellfish	Group 28-Chemicals and Allied Products	
0912	Shellfish, except prepared or preserved	2810	Sodium hydroxide (caustic soda)
0913	Menhaden	2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
0931	Marine shells, unmanufactured	2812	Dyes, organic pigment, dyeing and tanning materials
Group 10-Metallic Ores		2813	Alcohols
1011	Iron ore and concentrates	2816	Radioactive and associated materials, including wastes
1021	Copper ore and concentrates	2817	Benzene and toluene, crude and commercially pure
1051	Bauxite and other aluminum ores and concentrates	2818	Sulphuric acid
1061	Manganese ores and concentrates	2819	Basic chemicals and basic chemical products, not elsewhere classified
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
Group 11-Coal		2822	Synthetic rubber
1121	Coal and lignite	2823	Synthetic (man-made) fiber
Group 13-Crude Petroleum		2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
1311	Crude petroleum	2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
Group 14-Nonmetallic Minerals, Except Fuels		2851	Paints, varnishes, lacquers, enamels, and allied products
1411	Limestone flux and calcareous stone	2861	Gum and wood chemicals
1412	Building stone, unworked	2871	Nitrogenous chemical fertilizers, except mixtures
1442	Sand, gravel and crushed rock	2872	Potassic chemical fertilizers, except mixtures
1451	Clay, ceramic and refractory materials	2873	Phosphoric chemical fertilizers, except mixtures
1471	Phosphate rock	2876	Insecticides, fungicides, pesticides, and disinfectants
1479	Natural fertilizer materials, not elsewhere classified	2879	Fertilizers and fertilizer materials, not elsewhere classified
1491	Salt	2891	Miscellaneous chemical products
1492	Sulphur, dry	Group 29-Petroleum and Coal Products	
1493	Sulphur, liquid	2911	Gasoline, including natural gasoline
1494	Gypsum, crude and plasters	2912	Jet fuel
1499	Nonmetallic minerals, except fuels, not elsewhere classified	2913	Kerosene
Group 19-Ordnance and Accessories		2914	Distillate fuel oil
1911	Ordnance and accessories	2915	Residual fuel oil
Group 20-Food and Kindred Products		2916	Lubricating oils and greases
2011	Meat, fresh, chilled, or frozen	2917	Naphtha, mineral spirits, solvents, not elsewhere classified
2012	Meat and meat products prepared or preserved, including canned meat products	2918	Asphalt, tar, and pitches
2014	Tallow, animal fats and oils	2920	Coke, including petroleum coke
2015	Animal by-products, not elsewhere classified	2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids
2021	Dairy products, except dried milk and cream	2951	Asphalt building materials
2022	Dried milk and cream	2991	Petroleum and coal products, not elsewhere classified
2031	Fish and fish products, including shellfish, prepared or preserved	Group 30-Rubber and Miscellaneous Plastics Products	
2034	Vegetables and preparations, canned and otherwise prepared and preserved	3011	Rubber and miscellaneous plastics products
2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved	Group 31-Leather and Leather Products	
2041	Wheat flour and semolina	3111	Leather and leather products
2042	Animal feeds		
2049	Grain mill products, not elsewhere classified		
2061	Sugar		
2062	Molasses		
2091	Alcoholic beverages		
2094	Vegetable oils, all grades; margarine and shortening		
2095	Animal oils and fats, not elsewhere classified, including marine		
2099	Miscellaneous food products		



Code No.	Item Name
Group 32-Stone, Clay, Glass and Concrete Products	
3211	Glass and glass products
3241	Building cement
3251	Structural clay products, including refractories
3271	Lime
3281	Cut stone and stone products
3291	Miscellaneous nonmetallic mineral products
Group 33-Primary Metal Products	
3311	Pig iron
3312	Slag
3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents
3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron
3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling
3316	Iron and steel plates and sheets
3317	Iron and steel pipe and tube
3318	Ferroalloys
3319	Primary iron and steel products, not elsewhere classified including castings in the rough
3321	Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum
3322	Copper and copper alloys, whether or not refined, unworked
3323	Lead and zinc including alloys, unworked
3324	Aluminum and aluminum alloys, unworked
Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment	
3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
Group 35-Machinery, Except Electrical	
3511	Machinery, except electrical
Group 36-Electrical Machinery, Equipment and Supplies	
3611	Electrical machinery equipment and supplies

Code No.	Item Name
Group 37-Transportation Equipment	
3711	Motor vehicles, parts and equipment
3721	Aircraft and parts
3731	Ships and boats
3791	Miscellaneous transportation equipment
Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks	
3811	Instruments, photographic and optical goods, watches and clocks
Group 39-Miscellaneous Products of Manufacturing	
3911	Miscellaneous products of manufacturing
Group 40-Waste and Scrap Materials	
4011	Iron and steel scrap
4012	Nonferrous metal scrap
4022	Textile waste, scrap, and sweepings
4024	Paper waste and scrap
4029	Waste and scrap, not elsewhere classified
Group 41-Special Items	
4111	Water
4112	Miscellaneous shipments not identifiable by commodity
4113	LCL freight
4118	Materials used in waterway improvement, Government materials
4119	Empty containers
9999*	Department of Defense controlled cargo and special category items

\*Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCI) for which commodity detail is not furnished to the Corps of Engineers.

COMPARATIVE STATEMENT OF NET TOTAL TRAFFIC ON THE MISSISSIPPI RIVER FROM MINNEAPOLIS, MINN.,  
TO THE MOUTH OF PASSES, CALENDAR YEARS 1971-1980

(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC				TOTAL	INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE				
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS			
	SHORT TONS						
1971-----	18,796,169	29,991,313	5,916,270	37,587,891	92,354,643	162,885,124	255,239,767
1972-----	19,152,053	39,933,587	7,156,867	26,931,864	93,174,371	178,806,043	271,980,414
1973-----	27,122,233	46,829,974	8,710,267	19,683,286	102,345,760	174,001,136	276,346,896
1974-----	37,329,279	47,089,746	7,624,355	20,711,578	112,754,958	189,834,656	302,589,614
1975-----	45,934,905	47,615,390	8,670,766	21,104,606	123,325,677	187,913,877	311,239,484
1976-----	47,027,258	59,869,890	8,568,222	17,370,125	152,855,495	203,328,232	356,183,727
1977-----	96,028,423	59,628,562	9,720,794	19,905,140	185,262,919	211,468,297	396,731,216
1978-----	98,574,312	67,252,688	14,332,003	17,404,538	197,563,541	215,507,119	413,065,660
1979-----	105,858,988	73,255,062	12,760,791	20,274,910	211,058,640	218,000,928	430,170,679
1980-----	90,772,105	86,290,660	17,768,198	23,511,964	218,642,927	222,901,151	441,544,078
	TON-MILES (000 OMITTED)						
1971-----	3,149,830	4,354,942	1,127,594	4,177,424	12,672,790	81,143,064	93,745,855
1972-----	3,290,878	5,842,724	1,263,379	3,624,114	14,021,095	93,455,455	107,476,550
1973-----	4,662,467	6,621,046	1,513,704	2,561,673	15,478,397	91,479,129	106,958,019
1974-----	6,480,950	6,631,963	1,345,044	2,850,879	17,328,836	99,883,318	117,212,154
1975-----	7,974,733	6,935,765	1,474,754	3,016,699	19,471,951	99,715,864	119,117,815
1976-----	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	110,564,437	135,220,849
1977-----	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	109,554,793	139,466,652
1978-----	16,771,655	10,103,652	2,717,945	2,740,761	32,324,013	118,165,016	150,489,029
1979-----	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	120,669,820	155,009,558
1980-----	15,135,789	12,965,425	3,550,956	3,786,062	35,438,232	133,294,646	168,732,878

COMPARATIVE STATEMENT OF NET TOTAL TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM, CALENDAR YEARS 1971-1980

(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC				TOTAL	INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE				
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS			
	SHORT TONS						
1971-----	18,796,169	29,991,313	5,916,270	37,587,891	92,354,643	303,246,248	395,600,991
1972-----	19,152,053	39,933,587	7,156,867	26,931,864	93,174,371	326,631,479	419,805,850
1973-----	27,122,233	46,829,974	8,710,267	19,683,286	102,345,760	317,596,614	419,942,374
1974-----	37,329,279	47,089,746	7,624,355	20,711,578	112,754,958	330,089,602	442,844,560
1975-----	45,934,905	47,615,390	8,670,766	21,104,606	123,325,677	330,087,116	453,412,723
1976-----	67,027,258	59,869,890	8,568,222	17,370,125	152,855,495	345,510,868	498,366,363
1977-----	96,028,423	59,628,562	9,720,794	19,905,140	185,262,916	351,543,917	536,826,836
1978-----	98,574,312	67,252,688	14,332,003	17,404,538	197,563,541	355,364,514	552,928,055
1979-----	105,858,988	73,255,062	12,760,791	20,274,910	212,169,751	370,757,973	582,927,724
1980-----	90,772,105	86,290,660	17,768,198	23,511,964	218,642,927	365,569,149	584,212,076
	TON-MILES (000 OMITTED)						
1971-----	3,149,830	4,354,942	1,127,594	4,177,424	12,657,793	129,782,686	142,385,476
1972-----	3,290,878	5,842,724	1,263,379	3,624,114	14,021,095	144,432,270	158,453,365
1973-----	4,662,467	6,621,046	1,513,704	2,661,673	15,478,897	139,788,892	155,267,782
1974-----	6,480,950	6,631,963	1,345,044	2,850,879	17,328,836	150,888,689	168,217,525
1975-----	7,974,733	6,935,765	1,474,754	3,016,699	19,471,951	151,283,215	170,685,166
1976-----	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	164,839,947	189,496,359
1977-----	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	166,923,758	196,835,617
1978-----	16,771,655	10,103,652	2,717,942	2,740,761	32,324,013	176,483,653	208,807,666
1979-----	17,592,665	11,062,598	2,605,616	3,079,059	34,339,938	184,436,341	218,776,279
1980-----	15,135,789	12,965,425	3,550,956	3,786,062	35,436,232	193,492,234	228,930,466

\* INCLUDES THE MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

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Section 1  
FREIGHT TRAFFIC

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# VICKSBURG, MISS., DISTRICT

3

OUACHITA AND BLACK RIVERS, ARK. AND LA.

SECTION INCLUDED: FROM MOUTH OF BLACK RIVER TO CAMDEN, ARK. (336 MILES). CONTROLLING DEPTH: MINIMUM DEPTH 9 FEET MAINTAINED TO STERLINGTON, LA.; 6.5 FEET AVAILABLE FROM STERLINGTON, LA. TO CAMDEN, ARK. DURING LOW WATER SEASON. COMMENSURABLY GREATER DEPTH AVAILABLE AT HIGHER RIVER STAGES. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	584,466	31,476	1976	1,358,877	28,690
1972	839,221	38,260	1977	1,041,580	10,348
1973	749,836	18,430	1978	1,084,940	18,974
1974	946,439	21,118	1979	1,170,215	22,992
1975	957,881	23,586	1980	814,152	29,836

## FREIGHT TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL	814,152	129,951	649,511	5,458	29,232
0106 SORGHUM GRAINS	2,922		2,922		
0107 WHEAT	11,009		11,009		
0111 SOYBEANS	232,640		232,640		
0911 FRESH FISH, EXCEPT SHELLFISH	658			658	
1311 CRUDE PETROLEUM	110,148		110,148		
1442 SAND, GRAVEL, CRUSHED ROCK	24,902	2,000	6,970		15,932
2061 SUGAR	9,935		9,935		
2062 MOLASSES	1,418		1,418		
2411 LOGS	17,800			4,800	12,800
2811 CRUDE TAR, OIL, GAS PRODUCTS	14,745	14,563	182		
2813 ALCOHOLS	5,424	4,074	1,350		
2817 BENZENE AND TOLUENE	16,958	1,420	15,538		
2819 BASIC CHEMICALS AND PROD, NEC	21,008		21,008		
2879 FERTILIZER AND MATERIALS, NEC	1,215				
2911 GASOLINE	22,544	22,544			
2914 DISTILLATE FUEL OIL	27,670	9,860	17,810		
2915 RESIDUAL FUEL OIL	288,556	74,250	214,306		
2917 NAPHTHA, PETROLEUM SOLVENTS	1,400		1,400		
2921 LIQUEFIED GASES	2,875		2,875		
3241 BUILDING CEMENT	25	25			
3511 MACHINERY, EXCEPT ELECTRICAL	500				500
TOTAL TON-MILES	97,406,594				

MOUTH OF YAZOO RIVER, MISS.  
(INCLUDED IN TRAFFIC OF VICKSBURG, MISS.)

SECTION INCLUDED: FROM MISSISSIPPI RIVER TO JUNCTION OF OLD AND YAZOO RIVERS (9.3 MILES). CONTROLLING DEPTH: 9 FEET FROM MISSISSIPPI RIVER TO APPROXIMATELY MILE 2.5. (MILE 2.5 IS ENTRANCE POINT TO VICKSBURG HARBOR CHANNEL. MINIMUM DEPTH 9 FEET.) MILE 2.5 TO MILE 9.3 ABOUT 4 FEET DURING LOW WATER SEASON. COMMENSURABLY GREATER DEPTHS AVAILABLE AT HIGHER RIVER STAGES. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	1,821,447	1976	1,518,423
1972	2,044,322	1977	1,940,184
1973	1,762,685	1978	1,571,978
1974	1,932,459	1979	1,539,344
1975	1,604,806	1980	1,541,789

## FREIGHT TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL			
		SHIPMENTS	RECEIPTS	SHIPMENTS	UPBOUND	THROUGH DOWNBOUND
TOTAL	1,541,789	2,500	590,953	429,458	80,560	438,318
0101 COTTON, RAW	245			245		
0103 CORN	72,800		88,692	4,108		
0104 OATS	30,484		30,484			
0105 RICE	8,324		4,162	4,162		
0106 SORGHUM GRAINS	1,650					1,650
0107 WHEAT	25,241			10,322		14,919
0111 SOYBEANS	325,827		9,289	145,986		170,552
1121 COAL AND LIGNITE	2,514		2,514			
1311 CRUDE PETROLEUM	59,291		42,149	17,162		
2042 PREPARED ANIMAL FEEDS	50,702			50,702		
2049 GRAIN MILL PRODUCTS, NEC	46,390		4,062	42,328		
2081 ALCOHOLIC BEVERAGES	632		328	328		
2411 LOGS	179,296		179,296			

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MOUTH OF YAZOO RIVER, MISS.  
(INCLUDED IN TRAFFIC OF VICKSBURG, MISS.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL			
		SHIPMENTS	RECEIPTS	SHIPMENTS	UPBOUND	THROUGH DOWNBOUND
2421 LUMBER-----	3,047	-----	-----	3,067	-----	-----
2611 PULP-----	414	-----	-----	414	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	2,781	-----	-----	-----	-----	2,781
2631 PAPER AND PAPERBOARD-----	33,984	-----	200	33,784	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	16,368	-----	168	16,200	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	4,888	-----	4,888	-----	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	258	-----	-----	258	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	243,442	-----	-----	-----	1,645	241,797
2879 FERTILIZER AND MATERIALS, NEC-----	72,568	-----	9,697	-----	56,292	6,619
2911 GASOLINE-----	139,904	-----	181,769	38,139	-----	-----
2914 DISTILLATE FUEL OIL-----	42,689	-----	13,200	29,489	-----	-----
2915 RESIDUAL FUEL OIL-----	13,332	-----	-----	13,332	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	7,000	-----	3,000	3,000	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	7,836	-----	-----	7,836	-----	-----
2920 COKE, PETROLEUM COKE-----	3,809	-----	3,809	-----	-----	-----
3241 BUILDING CEMENT-----	49,969	-----	49,969	-----	-----	-----
3271 LIME-----	67,180	-----	64,317	-----	22,663	-----
3314 IRON AND STEEL PRIMARY FORMS-----	10,696	-----	9,258	1,446	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,567	-----	1,822	365	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	7,012	1,250	5,762	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	2,532	-----	2,932	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1,250	1,250	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	826	-----	-----	826	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,418	-----	-----	1,418	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	267	-----	-----	267	-----	-----
4011 IRON AND STEEL SCRAP-----	4,276	-----	-----	4,276	-----	-----
TOTAL TON-MILES.	7,240,555.	-----	-----	-----	-----	-----

YAZOO RIVER, MISS.

SECTION INCLUDED: FROM OLD RIVER TO MOUTH OF YALOGUSHA RIVER (161 MILES). CONTROLLING DEPTH: 4 FEET OR LESS DURING LOW WATER SEASON. COMMENSURABLY GREATER DEPTHS AVAILABLE AT HIGHER RIVER STAGES. PROJECT DEPTH: 9 FEET AUTHORIZED BUT NOT MAINTAINED, FROM OLD RIVER TO GREENWOOD (156 MILES).

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	363,546	1976-----	357,471
1972-----	432,539	1977-----	525,082
1973-----	277,434	1978-----	511,723
1974-----	495,552	1979-----	580,654
1975-----	487,933	1980-----	516,881

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	516,881	80,560	436,321
0116 SORGHUM GRAINS-----	1,650	-----	1,650
0107 WHEAT-----	14,919	-----	14,919
0111 SOYBEANS-----	171,336	-----	171,336
2871 NITROGENOUS CHEM FERTILIZERS-----	243,442	1,645	241,797
2879 FERTILIZER AND MATERIALS, NEC-----	62,871	56,292	6,619
3271 LIME-----	22,663	22,663	-----
TOTAL TON-MILES.	44,600,009.	-----	-----

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BIG SUNFLOWER RIVER, MISS.-----	NO COMMERCE REPORTED			
BOEUF RIVER, LA.-----	NO COMMERCE REPORTED			
LITTLE RIVER, LA.-----	NO COMMERCE REPORTED			
TENSAS RIVER AND BAYOU MACON, LA.-----	NO COMMERCE REPORTED			

# MEMPHIS, TENN., DISTRICT

5

WHITE RIVER, ARK., BELOW BATESVILLE, ARK.

SECTION INCLUDED: JUNCTION WITH THE ARKANSAS POST CANAL, ARK., TO BATESVILLE, ARK., 245.5 MILES. CONTROLLING DEPTH: JUNCTION WITH ARKANSAS POST CANAL TO AUGUSTA, ARK., 190 MILES, 5 FEET; AUGUSTA, ARK., TO NEWPORT, ARK., 57 MILES, 4.5 FEET. PROJECT DEPTH: 5-FOOT CHANNEL BELOW AUGUSTA, ARK.; 4.5-FOOT CHANNEL FROM NEWPORT, ARK., TO AUGUSTA, ARK.; BOTH AT LOW WATER, COMMENSURABLY GREATER DEPTH AVAILABLE AT HIGHER STAGES. PROJECT NOT FUNDED ABOVE NEWPORT, ARK.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	577,477	1976-----	830,027
1972-----	646,004	1977-----	660,982
1973-----	574,077	1978-----	610,028
1974-----	697,978	1979-----	702,755
1975-----	624,292	1980-----	767,930

## FREIGHT TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	767,930	55,036	524,753	181,048	7,093
0103 CORN-----	1,410	1,410			
0105 RICE-----	1,483		1,483		
0107 WHEAT-----	104,018	1,300	102,052		666
0111 SOYBEANS-----	423,491		419,862		3,629
1442 SAND, GRAVEL, CRUSHED ROCK-----	169,814			169,814	
2042 PREPARED ANIMAL FEEDS-----	1,356		1,356		
2411 LOGS-----	14,032			11,234	2,798
2871 NITROGENOUS CHEM FERTILIZERS-----	19,019	19,019			
2879 FERTILIZER AND MATERIALS, NEC-----	16,637	16,637			
4118 WATERWAY IMPROVEMENT MAT-----	16,670	16,670			
TOTAL TON-MILES, 84,916,150.					

WOLF RIVER, TENN. (INCLUDED IN TRAFFIC OF  
PORT OF MEMPHIS, TENN.)

SECTION INCLUDED: MOUTH TO MILE 3. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET AT LOW WATER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,135,293	1976-----	983,495
1972-----	1,169,756	1977-----	1,174,613
1973-----	965,910	1978-----	1,309,456
1974-----	820,490	1979-----	1,401,134
1975-----	663,350	1980-----	1,142,222

## FREIGHT TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL-----	1,142,222	661,348	480,874
0103 CORN-----	278,397	277,601	5,796
0106 SORGHUM GRAINS-----	3,072		3,072
0107 WHEAT-----	159,150	10,657	148,493
0111 SOYBEANS-----	91,686	10,940	80,737
1061 MANGANESE ORES, CONCENTRATES-----	3,042	1,435	1,607
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,875		2,875
1499 NONMETALLIC MINERALS, NEC-----	1,415	1,415	
2042 PREPARED ANIMAL FEEDS-----	161,340		161,340
2049 GRAIN MILL PRODUCTS, NEC-----	54,511	4,024	50,487
2062 MOLASSES-----	9,800		9,800
2091 VEGETABLE OILS, MARG, SHORT-----	28,785	24,057	4,728
2411 LOGS-----	6,893		6,893
2810 SODIUM HYDROXIDE-----	9,029	9,029	
2813 ALCOHOLS-----	2,336		2,336
2871 NITROGENOUS CHEM FERTILIZERS-----	4,633	3,394	1,239
2879 FERTILIZER AND MATERIALS, NEC-----	14,046	4,992	9,054
2914 DISTILLATE FUEL OIL-----	5,070	2,500	2,500
2918 ASPHALT, TAR, AND PITCHES-----	2,028		2,028
3241 BUILDING CEMENT-----	201,954	201,904	
3312 SLAG-----	4,381		4,381
3314 IRON AND STEEL PRIMARY FORMS-----	9,575		9,575
3315 IRON, STEEL SHAPES, EXC SHEET-----	17,000		17,000
3316 IRON AND STEEL PLATES, SHEETS-----	40,815	38,553	2,262
3317 IRON AND STEEL PIPE AND TUBE-----	1,914		1,914
3318 FERROALLOYS-----	1,400		1,400

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

WOLF RIVER, TENN. (INCLUDED IN TRAFFIC OF  
PORT OF MEMPHIS, TENN.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
3319 IRON AND STEEL PRODUCTS, NEC-----	16,387	16,262	125
3411 FABRICATED METAL PRODUCTS-----	4,328	4,328	-----
4011 IRON AND STEEL SCRAP-----	6,580	1,421	5,159
TOTAL TON-MILES, 4,296,619.			

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ST. FRANCIS AND L'ANGUILLE RIVERS AND BLACKFISH BAYOU, ARK.-	NO COMMERCE REPORTED			

## ST. LOUIS, MO., DISTRICT

7

## KASKASKIA RIVER, ILL.

SECTION INCLUDED: MOUTH AT MISSISSIPPI RIVER TO MILE 36.2 AT FAYETTEVILLE, ILL., CONTROLLING AND PROJECT DEPTHS: 9 FEET, NAVIGATION SEASON: ENTIRE YEAR.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	•	1976-----	589,508
1972-----	•	1977-----	1,286,808
1973-----	25,236	1978-----	1,832,861
1974-----	216,868	1979-----	1,723,453
1975-----	194,750	1980-----	2,045,575

• INITIAL COMMERCE REPORTED IN 1973.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL OUTBOUND
TOTAL-----	2,045,575
1121 COAL AND LIGNITE-----	2,042,175
3316 IRON AND STEEL PLATES, SHEETS-----	1,400
3911 MACHINERY, EXCEPT ELECTRICAL-----	2,000
TOTAL TON-MILES, 51,094,375.	

## PORT OF METROPOLITAN ST. LOUIS •

SECTION INCLUDED: BOTH BANKS OF MISSISSIPPI RIVER FROM MILE 138.6 THROUGH MILE 208.8 ABOVE OHIO RIVER JUNCTION, CONTROLLING AND PROJECT DEPTHS: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS
1972-----	22,808,151	782,096
1973-----	18,319,148	738,196
1974-----	21,662,116	902,971
1975-----	23,082,359	1,043,597
1976-----	23,954,882	892,156
1977-----	22,478,309	1,014,838
1978-----	22,425,157	1,126,957
1979-----	21,644,333	507,207
1980-----	24,528,760	307,794

• NOT COMPILED PRIOR TO 1972.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL		LOCAL
		RECEIPTS	RECEIPTS	SHIPMENTS	
TOTAL-----	24,528,760	1,352	5,662,711	17,644,425	1,220,272
0103 CORN-----	799,958		88,997	709,361	1,600
0104 OATS-----	29,608		29,608		
0105 RICE-----	750			750	
0106 SORGHUM GRAINS-----	10,161			10,161	
0107 WHEAT-----	1,178,693		166,395	1,004,477	7,821
0111 SOYBEANS-----	789,385		2,950	786,435	
0119 OILSEEDS, NEC-----	6,448			6,448	
0911 FRESH FISH, EXCEPT SHELLFISH-----	59				59
0931 MARINE SHELLS, UNMANUFACTURED-----	1,493		1,493		
1011 IRON ORE AND CONCENTRATES-----	5,976			5,976	
1021 COPPER ORE AND CONCENTRATES-----	15,398			15,398	
1091 ALUMINUM ORES, CONCENTRATES-----	1,607		1,607		
1061 MANGANESE ORES, CONCENTRATES-----	1,350		1,350		
1091 NONFERROUS ORES, CONCENT. NEC-----	85,741		69,676	16,065	
1121 COAL AND LIGNITE-----	6,763,511		1,408,165	5,243,744	111,602
1311 CRUDE PETROLEUM-----	11,490		11,490		
1411 LIMESTONE-----	12,491			12,491	
1442 SAND, GRAVEL, CRUSHED ROCK-----	588,095		21,262	56,433	510,400
1491 CLAY-----	43,281			43,281	
1499 NONMETALLIC MINERALS, NEC-----	324,476		324,476		
2014 TALLOW, ANIMAL FATS AND OILS-----	38,716			38,716	
2041 WHEAT FLOUR AND SEMOLINA-----	96,678			96,678	
2042 PREPARED ANIMAL FEEDS-----	1,252,717		3,550	1,249,167	
2049 GRAIN MILL PRODUCTS, NEC-----	2,125,763		3,097	2,122,666	
2061 SUGAR-----	89,053		89,053		
2082 MOLASSES-----	28,361		25,756	2,605	
2091 VEGETABLE OILS, MARG, SHORT-----	104,284			104,284	



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PORT OF METROPOLITAN ST. LOUIS ---CONTINUED

FREIGHT TRAFFIC, 1980---CONTINUED

DOMESTIC---CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL		LOCAL
		RECEIPTS	RECEIPTS	SHIPMENTS	
2411 LOGS-----	2,803	-----	-----	2,803	-----
2810 SODIUM HYDROXIDE-----	157,807	-----	156,468	1,342	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	16,522	-----	16,522	-----	-----
2813 ALCOHOLS-----	92,910	-----	90,110	2,800	-----
2817 BENZENE AND TOLUENE-----	204,884	-----	96,708	29,795	78,386
2818 SULPHURIC ACID-----	138,720	-----	2,427	127,893	8,400
2819 BASIC CHEMICALS AND PROD, NEC-----	268,114	-----	180,109	79,605	8,400
2821 PLASTIC MATERIALS-----	3,910	-----	-----	3,910	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	586,253	-----	131,382	449,279	5,592
2873 PHOSPHATIC CHEM FERTILIZERS-----	68,185	-----	48,627	19,558	-----
2879 FERTILIZER AND MATERIALS, NEC-----	250,554	1,352	249,262	-----	-----
2911 GASOLINE-----	2,433,646	-----	642,649	1,693,539	137,458
2912 JET FUEL-----	95,887	-----	38,020	44,045	13,522
2913 KEROSENE-----	18,465	-----	8,411	10,054	-----
2914 DISTILLATE FUEL OIL-----	1,211,335	-----	283,778	794,219	133,338
2915 RESIDUAL FUEL OIL-----	1,339,722	-----	297,297	1,030,051	52,374
2916 LUBRICATING OILS AND GREASES-----	307,178	-----	293,107	54,071	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	180,286	-----	131,495	96,831	-----
2918 ASPHALT, TAR, AND PITCHES-----	471,553	-----	6,487	451,483	13,583
2920 COKE, PETROLEUM COKE-----	381,201	-----	188,127	191,946	1,128
2991 PETROLEUM AND COAL PROD, NEC-----	11,500	-----	2,108	9,400	-----
3211 GLASS AND GLASS PRODUCTS-----	2,783	-----	-----	2,783	-----
3241 BUILDING CEMENT-----	927,266	-----	109,988	688,169	129,109
3291 STRUCTURAL CLAY PRODUCTS-----	3,039	-----	-----	3,039	-----
3311 PIG IRON-----	2,005	-----	2,005	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	36,900	-----	14,203	22,697	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	26,078	-----	22,349	3,729	-----
3316 IRON AND STEEL PLATES, SHEETS-----	259,025	-----	114,643	139,632	750
3317 IRON AND STEEL PIPE AND TUBE-----	11,636	-----	11,636	-----	-----
3318 FERROALLOYS-----	18,683	-----	16,891	1,832	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	90,182	-----	29,012	41,170	-----
3322 COPPER ALLOYS, UNWORKED-----	9,993	-----	9,993	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	5,235	-----	1,021	4,214	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,575	-----	1,575	-----	-----
3411 FABRICATED METAL PRODUCTS-----	13,692	-----	7,968	5,787	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	21,971	-----	9,882	4,939	6,750
3611 ELECTRICAL MACH AND EQUIP-----	280	-----	280	-----	-----
3731 SHIPS AND BOATS-----	7,736	-----	7,736	-----	-----
4011 IRON AND STEEL SCRAP-----	218,473	-----	59,347	159,126	-----
4012 NONFERROUS METAL SCRAP-----	8,210	-----	-----	8,210	-----
4029 WASTE AND SCRAP, NEC-----	1,328	-----	-----	1,328	-----
4112 COMMODITIES, NEC-----	90	-----	-----	90	-----
4118 WATERWAY IMPROVEMENT MAT-----	252,300	-----	252,300	-----	-----

FOR WATERBORNE COMMERCE STATISTICS TABLES RELATING TO THE MISSISSIPPI RIVER AND THE PORT OF METROPOLITAN ST. LOUIS, SEE INDEX,

## ST. PAUL, MINN., DISTRICT

9

## ST. CROIX RIVER, WIS. AND MINN.

SECTION INCLUDED: MOUTH TO 51.8 MILES UPSTREAM, CONTROLLING DEPTH: MOUTH TO STILLWATER, MINN., MILE 24.5, 9 FEET; FROM STILLWATER, MINN., TO TAYLORS FALLS, MINN., MILE 51.8, ONLY 1 FOOT TO 3 FEET IN SOME RESTRICTED AREAS. PROJECT DEPTH: 9 FEET FROM MOUTH TO MILE 24.5 AND 3 FEET FROM MILE 24.5 TO MILE 51.8. NAVIGATION SEASON: 27 MARCH TO 3 DECEMBER 1980

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	1,194,995	70,732	1976-----	1,417,618	130,132
1972-----	1,736,142	179,544	1977-----	1,268,855	199,492
1973-----	1,143,814	259,094	1978-----	822,297	129,072
1974-----	1,289,772	122,712	1979-----	1,141,554	6,594
1975-----	1,691,123	59,646	1980-----	1,437,457	237,204

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL
	INBOUND
TOTAL-----	1,437,457
1121 COAL AND LIGNITE-----	1,426,654
1499 NONMETALLIC MINERALS, NEC-----	10,803
TOTAL TON-MILES, 31,630,027.	

## MINNESOTA RIVER, MINN.

SECTION INCLUDED: MOUTH TO SHAKOPEE, MINN., MILE 25.6. CONTROLLING DEPTH: 9 FEET, MOUTH TO SAVAGE, MINN., MILE 14.7. LOCAL INTERESTS MAINTAIN 9-FOOT CHANNEL FOR RESTRICTED WIDTHS FROM MILE 14.7 TO MILE 21.8 NEAR SHAKOPEE, MINN. PROJECT DEPTH: 9 FEET, MOUTH TO SAVAGE; 4 FEET, SAVAGE TO SHAKOPEE. NAVIGATION SEASON: 27 MARCH TO 3 DECEMBER 1980.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	3,626,132	1976-----	3,898,291
1972-----	4,314,833	1977-----	3,407,261
1973-----	4,284,032	1978-----	2,878,067
1974-----	4,778,630	1979-----	1,198,086
1975-----	3,842,850	1980-----	2,713,844

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	2,713,844	827,705	1,886,139
0102 BARLEY AND RYE-----	3,882		3,882
0103 CORN-----	839,390		839,390
0104 OATS-----	20,318		20,318
0107 WHEAT-----	497,994	2,780	495,214
0111 SOYBEANS-----	487,919		487,919
1121 COAL AND LIGNITE-----	509,435	509,435	
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,021	3,021	
1499 NONMETALLIC MINERALS, NEC-----	166,821	166,821	
2041 WHEAT FLOUR AND SEMOLINA-----	1,425		1,425
2042 PREPARED ANIMAL FEEDS-----	13,938		13,938
2049 GRAIN MILL PRODUCTS, NEC-----	20,902		20,902
2061 SUGAR-----	1,400	1,400	
2062 MOLASSES-----	1,684	1,684	
2091 VEGETABLE OILS, MARG, SHORT-----	3,151		3,151
2871 NITROGENOUS CHEM FERTILIZERS-----	27,839	27,839	
2873 PHOSPHATIC CHEM FERTILIZERS-----	14,692	14,692	
2879 FERTILIZER AND MATERIALS, NEC-----	70,673	70,673	
2918 ASPHALT, TAR, AND PITCHES-----	8,834	8,834	
3211 GLASS AND GLASS PRODUCTS-----	1,414	1,414	
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,579	1,579	
3316 IRON AND STEEL PLATES, SHEETS-----	9,460	9,460	
3317 IRON AND STEEL PIPE AND TUBE-----	8,073	8,073	
TOTAL TON-MILES, 38,219,169.			

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
BLACK RIVER, WIS.-----	0103 CORN-----	7,760	-----	-----
	1121 COAL AND LIGNITE-----	5,804	-----	-----
	1311 CRUDE PETROLEUM-----	4,200	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	1,489	-----	-----
	1499 NONMETALLIC MINERALS, NEC-----	11,701	-----	-----
	2810 SODIUM HYDROXIDE-----	5,507	-----	-----
	2871 NITROGENOUS CHEM FERTILIZERS-----	8,626	-----	-----
	2911 GASOLINE-----	56,393	-----	-----
	2914 DISTILLATE FUEL OIL-----	49,872	-----	-----
	2918 ASPHALT, TAR, AND PITCHES-----	34,146	-----	-----
	TOTAL-----	185,498	252,786	-----

# LITTLE ROCK, ARK., DISTRICT

11

## MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM (CONSOLIDATED REPORT)

SECTION INCLUDED: MAIN STEM OF NAVIGATION SYSTEM INCLUDES LOWER 10 MILES OF WHITE RIVER; ARKANSAS POST CANAL; ARKANSAS RIVER BETWEEN ARKANSAS POST CANAL AND MUSKOGEE, OKLA.; AND VERDIGRIS RIVER BETWEEN MUSKOGEE, OKLA. AND CATOOSA, OKLA. (445 MILES). TRIBUTARIES INCLUDE THE LOWER 5 MILES OF LAKE LANGMOFFER LOWER 2 MILES OF PATEAU RIVER AND THE LOWER 10 MILES OF SANS BOIS CREEK (17 MILES). CONTROLLING AND PROJECT DEPTHS: 9 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	4,294,048	1976-----	6,538,434
1972-----	5,337,370	1977-----	9,145,956
1973-----	4,955,789	1978-----	9,851,932
1974-----	6,000,443	1979-----	8,411,173
1975-----	5,156,562	1980-----	8,461,411

### FREIGHT TRAFFIC, 1980

#### DOMESTIC

#### (SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				THROUGH	
		RECEIPTS	INGROUND	CUTBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	
TOTAL-----	8,461,411	2,902	1,504,172	4,078,935	1,079,096	1,234,487	37,066	524,753	
0103 CORN-----	15,514		12,692	1,412			1,410		
0105 RICE-----	97,883			96,400				1,483	
0107 WHEAT-----	675,970		4,200	569,718				102,052	
0111 SOYBEANS-----	691,410		1,608	269,940				419,862	
0119 OILSEEDS, NEC-----	3,052			3,052					
0161 ANIMALS AND PRODUCTS, NEC-----	360			360					
0931 MARINE SHELLS, UNMANUFACTURED-----	2,835		2,835						
1051 ALUMINUM ORES, CONCENTRATES-----	170,804		170,804						
1061 MANGANESE ORES, CONCENTRATES-----	2,340		2,340						
1091 NONFERROUS ORES, CONCENT, NEC-----	40,339		38,339	2,000					
1121 COAL AND LIGNITE-----	719,441		1,376	715,415	1,300	1,350			
1311 CRUDE PETROLEUM-----	17,432			17,432					
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,173,044			5,325	1,061,423	1,106,296			
1471 PHOSPHATE ROCK-----	2,832		2,832						
1499 NONMETALLIC MINERALS, NEC-----	33,264		33,264						
2042 PREPARED ANIMAL FEEDS-----	147,469	1,292	21,133	123,728				1,356	
2049 GRAIN MILL PRODUCTS, NEC-----	141,211		13,183	128,028					
2061 SUGAR-----	1,518			1,518					
2062 MOLASSES-----	14,252		14,252						
2091 VEGETABLE OILS, MARG, SHORT-----	13,562			13,562					
2411 LOGS-----	12,348			12,348					
2414 TIMBER, POSTS, POLES, PILING-----	245		245						
2421 LUMBER-----	423			423					
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,004		1,004						
2611 PULP-----	2,547			2,547					
2631 PAPER AND PAPERBOARD-----	61,083			61,083					
2691 PULP AND PAPER PRODUCTS, NEC-----	88,178			88,178					
2810 SODIUM HYDROXIDE-----	185,945		185,945						
2813 ALCOHOLS-----	1,396		1,396						
2817 BENZENE AND TOLUENE-----	6,234		1,475	4,759					
2819 BASIC CHEMICALS AND PROD, NEC-----	149,445		10,084	139,361					
2822 SYNTHETIC RUBBER-----	2,494		2,494						
2871 NITROGENOUS CHEM FERTILIZERS-----	447,775		60,524	368,232			19,019		
2872 POTASSIC CHEM FERTILIZERS-----	8,966			8,966					
2873 PHOSPHATIC CHEM FERTILIZERS-----	2,841		2,841						
2879 FERTILIZER AND MATERIALS, NEC-----	166,188		147,862	1,689			16,637		
2891 MISCELLANEOUS CHEMICAL PROD-----	12,030			12,030					
2911 GASOLINE-----	16,176		16,176						
2914 DISTILLATE FUEL OIL-----	185,194		185,194						
2915 RESIDUAL FUEL OIL-----	1,442,481		81,359	1,239,485	11,856	109,781			
2916 LUBRICATING OILS AND GREASES-----	2,800			2,800					
2918 ASPHALT, TAR, AND BITUMENS-----	8,860		8,860						
2920 COKE, PETROLEUM-----	117,030		19,674	97,356					
3211 GLASS AND GLASS PRODUCTS-----	29,256			29,256					
3241 BUILDING CEMENT-----	1,450			1,450					
3291 MISC NONMETALLIC MINERAL PROD-----	928		928						
3311 PIG IRON-----	7,731		7,731						
3312 SLAG-----	22,720		20,968	1,404		348			
3314 IRON AND STEEL PRIMARY FORMS-----	71,916		21,449	427					
3315 IRON, STEEL SHAPES, EXC SHEET-----	103,501		100,292	987	2,222				
3316 IRON AND STEEL PLATES, SHEETS-----	164,004		161,951		2,053				
3317 IRON AND STEEL PIPE AND TUBE-----	54,323		54,081		242				
3318 FERROALLOYS-----	2,541		2,541						
3319 IRON AND STEEL PRODUCTS, NEC-----	39,976		39,976						
3323 LEAD AND ZINC, UNWORKED-----	14,087		14,087						
3411 FABRICATED METAL PRODUCTS-----	27,771		26,930	841					
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,050	950	2,200						
3611 ELECTRICAL MACH AND EQUIP-----	881	800		81					
4011 IRON AND STEEL SCRAP-----	47,679		7,007	40,672					
4110 WATERWAY IMPROVEMENT MAT-----	33,382			16,670		16,712			
TOTAL TON-MILES, 1,419,076,183.									

### OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BLACK RIVER, ARK. AND MO.	NO COMMERCE REPORTED			
UPPER WHITE RIVER, ARK.	1442 SAND, GRAVEL, CRUSHED ROCK-----	30,710	99,000	

## MISSOURI RIVER DIVISION

MISSOURI RIVER, FORT BENTON, MONT., TO THE MOUTH  
(CONSOLIDATED REPORT)

SECTION INCLUDED: FORT BENTON, MONT., TO THE MOUTH OF THE MISSOURI RIVER, 2073.2 MILES. CONTROLLING DEPTH: FOR CONTROLLING DEPTH, AND PROJECT DEPTH. SEE INDIVIDUAL STRETCHES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL					COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL			
1971--	5,627,779	1,855,929	-----	7,483,708	75,985	1976--	5,975,731	577,216	-----	6,552,949	132,012
1972--	5,004,592	2,178,249	-----	7,182,841	100,604	1977--	6,499,349	325,501	-----	6,734,850	134,494
1973--	4,568,868	1,801,970	-----	6,370,838	124,098	1978--	7,014,561	914,623	-----	7,929,184	166,749
1974--	5,841,934	1,831,154	-----	7,673,084	137,794	1979--	7,121,954	562,784	-----	7,684,738	128,417
1975--	5,061,450	1,146,976	-----	6,208,426	117,088	1980--	5,624,510	290,265	-----	5,914,775	124,671

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		UPBOUND	DOWNBOUND
		UPBOUND	DOWNBOUND		
TOTAL-----	5,914,775	853,038	4,408	1,882,669	1,627,185
0103 CORN-----	87,812	1,388	-----	86,424	-----
0104 OATS-----	11,455	-----	-----	11,455	-----
0106 SORGHUM GRAINS-----	1,300	-----	-----	1,300	-----
0107 WHEAT-----	835,150	-----	-----	835,150	-----
0111 SOYBEANS-----	164,102	-----	-----	164,102	-----
1011 IRON ORE AND CONCENTRATES-----	1,222	1,222	-----	-----	-----
1001 MANGANESE ORES, CONCENTRATES-----	1,013	1,013	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,715,231	-----	4,406	12,200	1,375,785
1499 NONMETALLIC MINERALS, NEC-----	140,249	138,944	-----	-----	1,295
2014 TALLOW, ANIMAL FATS AND OILS-----	33,435	-----	-----	33,435	-----
2042 PREPARED ANIMAL FEEDS-----	326,126	2,463	-----	323,663	-----
2049 GRAIN MILL PRODUCTS, NEC-----	103,382	-----	-----	100,939	2,443
2002 MOLASSES-----	69,146	67,946	-----	-----	1,200
2091 VEGETABLE OILS, MARG, SHORT-----	38,841	-----	-----	38,841	-----
2092 ANIMAL OILS AND FATS, NEC-----	2,311	2,311	-----	-----	-----
2411 LOGS-----	4,137	-----	-----	4,137	-----
2415 PULPWOOD, LOG-----	1,179	1,179	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLTINGS-----	2,327	2,327	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	1,190	1,190	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	2,425	2,425	-----	-----	-----
2810 SODIUM HYDROXIDE-----	11,464	11,464	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	4,256	4,256	-----	-----	-----
2813 ALCOHOLS-----	17,658	17,658	-----	-----	-----
2817 BENZENE AND TOLUENE-----	6,805	6,805	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	5,843	5,843	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	147,593	45,091	-----	46,619	17,530
2873 PHOSPHATIC CHEM FERTILIZERS-----	74,702	62,347	-----	-----	12,445
2879 FERTILIZER AND MATERIALS, NEC-----	233,508	233,508	-----	-----	-----
2911 GASOLINE-----	56,391	56,391	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	25,846	14,865	-----	10,981	-----
2915 RESIDUAL FUEL OIL-----	42,888	-----	-----	42,888	-----
2916 LUBRICATING OILS AND GREASES-----	2,445	2,445	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,713	3,713	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	45,056	45,056	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	139,523	-----	-----	139,523	-----
3241 BUILDING CEMENT-----	146,654	7,600	-----	-----	139,054
3314 IRON AND STEEL PRIMARY FORMS-----	24,757	12,350	-----	12,357	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,070	6,125	-----	15,945	-----
3316 IRON AND STEEL PLATES, SHEETS-----	30,330	3,330	-----	-----	-----
3318 FERROALLOYS-----	10,537	10,537	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	7,817	7,817	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	845	845	-----	-----	-----
3411 MACHINERY, EXCEPT ELECTRICAL-----	1,550	750	-----	750	50
4011 IRON AND STEEL SHAPES-----	20,236	27,236	-----	-----	-----
4118 WATERWAY IMPROVEMENT MAT-----	290,265	24,598	-----	-----	77,383
TOTAL TON-MILES. 1,335,308,949.					188,284

## MISSOURI RIVER DIVISION

13

MISSOURI RIVER, KANSAS CITY TO THE MOUTH (INCLUDED IN  
TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)SECTION INCLUDED: UPPER END OF QUINDARO BEND (NEAR KANSAS CITY) TO MOUTH, 374.8 MILES (1960 MILEAGE). CONTROLLING DEPTH: 8.5 FEET.  
PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)		RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL					COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL			
1971--	5,272,160	842,662	-----	6,114,822	36,494	1976--	5,714,757	442,860	-----	6,157,617	45,150
1972--	4,674,340	1,239,744	-----	5,914,084	56,122	1977--	4,158,099	253,916	-----	4,412,017	41,974
1973--	4,179,948	669,177	-----	4,849,125	37,780	1978--	4,733,197	724,763	-----	5,457,960	51,894
1974--	5,346,828	1,139,077	-----	6,485,905	47,836	1979--	6,714,941	426,134	-----	7,141,075	57,114
1975--	4,580,245	881,283	-----	5,461,528	43,348	1980--	5,271,986	265,715	-----	5,537,701	53,671

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL						THROUGH	
		INBOUND		OUTBOUND		UPDOWN	DOWNDOWN	UPDOWN	DOWNDOWN
		UPDOWN	DOWNDOWN	UPDOWN	DOWNDOWN				
TOTAL-----	5,536,701	394,199	33,295	152,299	830,448	1,209,208	1,326,132	458,929	1,074,221
0103 CORN-----	47,812	-----	-----	-----	1,250	-----	-----	1,388	85,174
0104 OATS-----	11,455	-----	-----	-----	-----	-----	-----	-----	11,455
0106 SORGHUM GRAINS-----	1,300	-----	-----	-----	-----	-----	-----	-----	1,300
0107 WHEAT-----	835,150	-----	-----	-----	481,998	-----	-----	-----	353,152
0111 SOYBEANS-----	164,102	-----	-----	-----	67,804	-----	-----	-----	96,298
1011 IRON ORE AND CONCENTRATES-----	1,222	-----	-----	-----	-----	-----	-----	-----	-----
1001 MANGANESE ORES, CONCENTRATES-----	1,013	-----	-----	-----	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,396,391	-----	4,408	-----	12,200	1,228,935	1,144,848	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	138,944	44,572	-----	-----	-----	-----	-----	94,372	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	33,435	-----	-----	-----	-----	-----	-----	-----	33,435
2042 PREPARED ANIMAL FEEDS-----	326,126	-----	-----	-----	14,876	-----	-----	2,463	308,787
2049 GRAIN MILL PRODUCTS, NEC-----	102,169	-----	-----	-----	3,769	1,250	-----	-----	97,170
2062 MOLASSES-----	57,946	16,638	-----	-----	-----	-----	-----	51,301	-----
2091 VEGETABLE OILS, MARG, SHORT-----	36,631	-----	-----	-----	-----	-----	-----	-----	36,631
2092 ANIMAL OILS AND FATS, NEC-----	2,311	-----	-----	-----	4,137	-----	-----	2,1	-----
2411 LOGS-----	4,137	-----	-----	-----	-----	-----	-----	-----	-----
2415 PULPWOOD, LOGS-----	1,179	-----	-----	-----	-----	-----	-----	1,179	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	2,327	-----	-----	-----	-----	-----	-----	2,327	-----
2621 STANDARD NEWSPRINT PAPER-----	1,190	-----	-----	-----	-----	-----	-----	1,190	-----
2631 PAPER AND PAPERBOARD-----	2,425	-----	-----	-----	-----	-----	-----	2,425	-----
2810 SODIUM HYDROXIDE-----	11,464	11,464	-----	-----	-----	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	4,256	4,256	-----	-----	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	17,658	-----	-----	-----	-----	-----	-----	17,658	-----
2817 BENZENE AND TOLUENE-----	6,805	6,805	-----	-----	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	5,843	2,043	-----	-----	-----	-----	-----	3,800	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	122,597	16,831	28,887	-----	-----	-----	-----	28,280	48,619
2873 PHOSPHATIC CHEM FERTILIZERS-----	74,792	17,303	-----	12,445	-----	-----	-----	45,044	-----
2879 FERTILIZER AND MATERIALS, NEC-----	233,508	70,845	-----	-----	-----	-----	-----	167,623	-----
2911 GASOLINE-----	56,391	56,391	-----	-----	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	25,846	14,865	-----	-----	10,981	-----	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	42,858	-----	-----	-----	42,858	-----	-----	-----	-----
2916 LUBRICATING OILS AND GREASES-----	2,445	1,275	-----	-----	-----	-----	-----	1,170	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,713	3,713	-----	-----	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	45,056	45,056	-----	-----	-----	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	139,523	-----	-----	139,523	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	146,654	3,800	-----	-----	-----	-----	-----	3,800	-----
3314 IRON AND STEEL PRIMARY FORMS-----	24,767	3,007	-----	-----	12,357	-----	-----	9,343	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,670	6,125	-----	-----	15,945	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	30,331	13,367	-----	-----	-----	-----	-----	16,963	-----
3318 FERROALLOYS-----	10,537	7,523	-----	-----	-----	-----	-----	3,114	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	7,817	928	-----	-----	-----	-----	-----	6,889	-----
3411 FABRICATED METAL PRODUCTS-----	845	845	-----	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,550	750	-----	-----	50	750	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	20,236	20,236	-----	-----	-----	-----	-----	-----	-----
4118 WATERWAY IMPROVEMENT MAT-----	265,715	24,209	-----	70	59,083	181,284	359	-----	-----
TOTAL TON-MILES, 981,067,077.	-----	-----	-----	-----	-----	-----	-----	-----	-----

MISSOURI RIVER, OMAHA TO KANSAS CITY (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, FORT BENTON TO THE MOUTH)SECTION INCLUDED: UPPER END OF QUINDARO BEND (NEAR KANSAS CITY) MILE 374.8 TO MILE 627, OMAHA, NE., 252.2 MILES (1960 MILEAGE).  
CONTROLLING DEPTH: 8.5 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL			COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL	
1971-----	2,114,860	921,340	3,036,200	39,491	1976-----	2,144,245	123,296	2,467,541	76,690
1972-----	2,544,460	414,137	2,958,597	27,386	1977-----	2,275,644	71,653	2,347,297	44,598
1973-----	1,925,282	1,016,047	2,941,329	72,838	1978-----	2,294,046	127,452	2,421,498	94,946
1974-----	2,012,955	591,604	2,604,559	73,032	1979-----	2,477,791	10,710	2,588,501	68,551
1975-----	1,886,131	248,624	2,134,745	67,356	1980-----	2,064,721	1,119	2,065,840	70,700

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MISSOURI RIVER, OMAHA TO KANSAS CITY (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, FORT BENTON TO THE MOUTH)--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		1-BOUND UPBOUND	OUTBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND	DOWNBOUND	THROUGH UPBOUND DOWNBOUND
TOTAL-----	2,067,860	473,827	12,224	882,389	155,864	185,456	137,401 220,719
0103 CORN-----	86,562	1,386	-----	70,029	-----	-----	15,145
0104 OATS-----	11,455	-----	-----	9,024	-----	-----	2,431
0106 SORGHUM GRAINS-----	1,300	-----	-----	1,300	-----	-----	-----
0107 WHEAT-----	353,152	-----	-----	344,382	-----	-----	8,770
0111 SOYBEANS-----	96,298	-----	-----	92,534	-----	-----	3,764
1001 MANGANESE ORES, CONCENTRATES-----	1,013	-----	-----	-----	-----	1,013	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	324,840	-----	-----	-----	146,850	177,990	-----
1499 NONMETALLIC MINERALS, NEC-----	55,667	58,473	-----	-----	1,295	-----	35,899
2014 TALLOW, ANIMAL FATS AND OILS-----	33,435	-----	-----	27,435	-----	-----	6,000
2042 PREPARED ANIMAL FEEDS-----	311,250	1,179	-----	179,893	-----	1,284	128,894
2049 GRAIN MILL PRODUCTS, NEC-----	98,363	-----	1,193	52,192	-----	-----	44,978
2062 MOLASSES-----	92,508	45,421	-----	-----	1,200	-----	5,887
2091 VEGETABLE OILS, MARG, SHORT-----	38,631	-----	-----	32,638	-----	-----	6,193
2092 ANIMAL OILS AND FATS, NEC-----	2,311	-----	-----	-----	-----	2,311	-----
2415 PULPWOOD, LOGS-----	1,179	1,179	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLTINGS-----	2,327	2,327	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	1,190	1,190	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	2,425	2,425	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	17,658	17,658	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	3,800	3,800	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	130,762	20,718	11,011	72,962	6,519	7,466	7,542 4,544
2873 PHOSPHATIC CHEM FERTILIZERS-----	57,489	37,632	-----	-----	-----	-----	19,857
2879 FERTILIZER AND MATERIALS, NEC-----	162,623	114,781	-----	-----	-----	-----	47,842
2916 LUBRICATING OILS AND GREASES-----	1,170	1,170	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	142,854	142,854	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	9,343	2,969	-----	-----	-----	-----	6,374
3316 IRON AND STEEL PLATES, SHEETS-----	16,963	14,452	-----	-----	-----	-----	2,511
3318 FERROALLOYS-----	3,014	-----	-----	-----	-----	3,014	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	6,889	3,022	-----	-----	-----	3,867	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	50	50	-----	-----	-----	-----	-----
4118 WATERWAY IMPROVEMENT MAT-----	1,139	1,139	-----	-----	-----	-----	-----
TOTAL TON-MILES, 322,190,909.							

MISSOURI RIVER, SIOUX CITY TO OMAHA (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, FORT BENTON TO THE MOUTH)SECTION INCLUDED: MILE 627, OMAHA, NEBR., TO MILE 734.8, SIOUX CITY, IOWA, 107.8 MILES (1960 MILEAGE). CONTROLLING DEPTH: 8.5 FEET.  
PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)			PASSENGERS
	COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL			COMMERCIAL	WATERWAY IMPROVEMENT MATERIAL	TOTAL	
1971-----	402,028	137,157	539,185	-----	1976-----	478,450	8,797	487,247	10,604
1972-----	351,052	62,574	413,626	17,096	1977-----	524,076	730	524,806	12,062
1973-----	275,670	127,244	402,914	13,764	1978-----	550,440	69,016	619,456	28,981
1974-----	333,875	149,624	483,499	18,882	1979-----	528,237	23,000	551,237	5,133
1975-----	366,217	12,427	378,644	7,924	1980-----	370,324	24,550	394,874	-----

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				UPBOUND	DOWNBOUND
		1-BOUND UPBOUND	OUTBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND		
TOTAL-----	394,874	149,605	2,150	350	220,719	17,200	4,850
0103 CORN-----	15,145	-----	-----	-----	15,145	-----	-----
0104 OATS-----	2,431	-----	-----	-----	2,431	-----	-----
0107 WHEAT-----	8,770	-----	-----	-----	8,770	-----	-----
0111 SOYBEANS-----	3,764	-----	-----	-----	3,764	-----	-----
1001 MANGANESE ORES, CONCENTRATES-----	1,013	1,013	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	35,899	35,899	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	6,000	-----	-----	-----	6,000	-----	-----
2042 PREPARED ANIMAL FEEDS-----	130,178	1,284	-----	-----	128,894	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	46,171	1,193	-----	-----	44,978	-----	-----
2062 MOLASSES-----	5,887	5,887	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	6,193	-----	-----	-----	6,193	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	2,311	2,311	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	23,097	18,553	-----	-----	4,544	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	19,857	19,857	-----	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	47,842	47,842	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	6,374	6,374	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	2,511	2,511	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	3,014	3,014	-----	-----	-----	-----	-----

## MISSOURI RIVER DIVISION

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MISSOURI RIVER, SIOUX CITY TO CHAMPA (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, FORT BENTON TO THE MOUTH)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		INTERNAL OUTBOUND		UPBOUND	DOWNBOUND
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		
3319 IRON AND STEEL PRODUCTS, NEC-----	3,867	3,867					
4118 WATERWAY IMPROVEMENT MAT-----	24,550		2,150	350		17,200	4,850
TOTAL TON-MILES, 32,036,363.							

PORT OF KANSAS CITY (INCLUDED IN TRAFFIC OF  
MISSOURI RIVER, KANSAS CITY TO THE MOUTH)

SECTION INCLUDED: MISSOURI RIVER, MILE 374.8 TO MILE 353.9 (1960 MILEAGE), CONTROLLING DEPTH: 8.5 FEET; PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,655,914	1976-----	1,827,901
1972-----	1,470,763	1977-----	1,955,825
1973-----	1,359,888	1978-----	2,274,466
1974-----	1,904,916	1979-----	1,902,840
1975-----	1,651,918	1980-----	1,681,651

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	1,681,651	219,202	823,149	643,300
0107 WHEAT-----	416,106		416,106	
0111 SOYBEANS-----	15,830		15,830	
1011 IRON ORE AND CONCENTRATES-----	1,222	1,222		
1442 SAND, GRAVEL, CRUSHED ROCK-----	657,619		15,569	642,050
1499 NONMETALLIC MINERALS, NEC-----	18,311	18,311		
2042 PREPARED ANIMAL FEEDS-----	14,876		14,876	
2049 GRAIN MILL PRODUCTS, NEC-----	1,250			1,250
2810 SODIUM HYDROXIDE-----	11,464	11,464		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	4,256	4,256		
2817 BENZENE AND TOLUENE-----	6,805	6,805		
2819 BASIC CHEMICALS AND PROD, NEC-----	2,043	2,043		
2871 NITROGENOUS CHEM FERTILIZERS-----	14,499	14,499		
2879 FERTILIZER AND MATERIALS, NEC-----	50,938	50,938		
2914 DISTILLATE FUEL OIL-----	10,981		10,981	
2915 RESIDUAL FUEL OIL-----	42,858		42,858	
2916 LUBRICATING OILS AND GREASES-----	1,275	1,275		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,713	3,713		
2918 ASPHALT, TAR AND PITCHES-----	45,056	45,056		
2920 COKE, PETROLEUM COKE-----	139,523		139,523	
3241 BUILDING CEMENT-----	142,854	3,600	139,254	
3314 IRON AND STEEL PRIMARY FORMS-----	13,611	1,254	12,357	
3315 IRON, STEEL SHAPES, EXC SHEET-----	21,270	5,325	15,945	
3316 IRON AND STEEL PLATES, SHEETS-----	10,739	10,739		
3318 FERROALLOYS-----	7,523	7,523		
3411 FABRICATED METAL PRODUCTS-----	845	845		
3511 MACHINERY, EXCEPT ELECTRICAL-----	50		50	
4011 IRON AND STEEL SCRAP-----	20,236	20,236		
4118 WATERWAY IMPROVEMENT MAT-----	5,898	5,898		

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
NONPROJECT				
MISSOURI RIVER, FORT BENTON, MONT., TO SIOUX CITY, IOWA (INCLUDED IN TRAFFIC OF MISSOURI RIVER, FORT BENTON TO THE MOUTH)-----	4118 WATERWAY IMPROVEMENT MAT-----	2,500	14,600	-----



## NASHVILLE, TENN., DISTRICT

CUMBERLAND RIVER, MOUTH TO MILE 552  
(CONSOLIDATED REPORT)

SECTION INCLUDED: MOUTH TO MILE 552. FOR CONTROLLING AND PROJECT DEPTHS, SEE INDIVIDUAL STRETCHES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	5,792,395	15,193	1976-----	11,318,873	81,586
1972-----	8,251,271	18,297	1977-----	12,761,169	114,168
1973-----	10,813,213	25,620	1978-----	12,398,898	116,566
1974-----	11,034,025	49,837	1979-----	15,162,973	103,864
1975-----	11,840,145	63,750	1980-----	12,348,920	137,372

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				THROUGH
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	
TOTAL-----	12,348,920	7,964,943	3,893,991	264,476	222,800	3,110
0103 CORN-----	11,718	914	7,307		3,497	
0107 WHEAT-----	31,395		31,395			
0111 SOYBEANS-----	122,586		119,903		1,653	1,430
1091 NONFERROUS ORES, CONCENT, NEC-----	84,290	84,290				
1121 COAL AND LIGNITE-----	6,042,856	5,543,215	470,810	7,320	21,502	
1311 CRUDE PETROLEUM-----	5,103	5,103				
1411 LIMESTONE-----	4,248		4,248			
1499 NONMETALLIC MINERALS, NEC-----	3,674,663	1,184,925	2,051,891	257,147	180,700	
2049 GRAIN MILL PRODUCTS, NEC-----	4,432		2,752			1,680
2061 SUGAR-----	4,887	4,887				
2491 WOOD MANUFACTURES, NEC-----	75		75			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	10,762	10,762				
2813 ALCOHOLS-----	39,728	29,287	10,441			
2818 SULPHURIC ACID-----	46,939	46,939	2,000			
2819 BASIC CHEMICALS AND PROD, NEC-----	213,345	206,458			6,887	
2879 FERTILIZER AND MATERIALS, NEC-----	704		704			
2911 GASOLINE-----	208,168	204,111	3,977			
2912 JET FUEL-----	864	864				
2913 KEROSENE-----	1,319	1,319				
2914 DISTILLATE FUEL OIL-----	48,994	45,528	3,474			
2915 RESIDUAL FUEL OIL-----	21,798	21,798				
2916 LUBRICATING OILS AND GREASES-----	7,056	7,056				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,358	1,358				
2918 ASPHALT, TAR, AND BITUMENS-----	168,274	168,274				
2920 COKE, PETROLEUM COKE-----	1,326		1,326			
3211 GLASS AND GLASS PRODUCTS-----	1,557		1,557			
3241 BUILDING CEMENT-----	124,774	124,774				
3251 STRUCTURAL CLAY PRODUCTS-----	5,845	5,845				
3271 LIME-----	13,135		13,135			
3291 MISC NONMETALLIC MINERAL PROD-----	275	135	140			
3312 SLAG-----	20,525		20,525			
3314 IRON AND STEEL PRIMARY FORMS-----	11,464	11,464				
3315 IRON, STEEL SHAPES, ETC SHEET-----	54,775	50,071	125		3,479	
3316 IRON AND STEEL PLATES, SHEETS-----	123,607	123,607	1,426		929	
3317 IRON AND STEEL PIPE AND TUBE-----	958		958			
3318 FERROALLOYS-----	13,935	655	13,280			
3319 IRON AND STEEL PRODUCTS, NEC-----	53,536	52,121			1,415	
3323 LEAD AND ZINC, UNWORKED-----	7,060	7,060				
3411 FABRICATED METAL PRODUCTS-----	6,329	5,397			932	
3511 MACHINERY, EXCEPT ELECTRICAL-----	6,006	5,622	384			
3611 ELECTRICAL MACH AND EQUIP-----	2,964	1,358			1,606	
3731 SHIPS AND BOATS-----	3,202	3,202				
3791 MISC TRANSPORTATION EQUIPMENT-----	1,725		1,725			
3911 MISC MANUFACTURED PRODUCTS-----	225	100	125			
4011 IRON AND STEEL SCRAP-----	102,628	4,512	98,116			
4118 WATERWAY IMPROVEMENT MAT-----	1,033,152		1,033,152			
TOTAL TON-MILES, 1,030,966,982.						

CUMBERLAND RIVER, MOUTH TO NASHVILLE, TENN. (INCLUDED IN  
TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)

SECTION INCLUDED: MOUTH TO NASHVILLE, TENN., 194 MILES. CONTROLLING DEPTH: AT LEAST 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	5,792,395	15,193	1976-----	11,318,873	80,312
1972-----	8,251,271	18,297	1977-----	12,761,169	114,168
1973-----	10,798,678	24,870	1978-----	12,398,898	116,566
1974-----	10,990,753	48,043	1979-----	15,162,973	103,864
1975-----	11,788,501	62,314	1980-----	12,348,920	137,372

## NASHVILLE, TENN., DISTRICT

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CUMBERLAND RIVER, MOUTH TO NASHVILLE, TENN. (INCLUDED IN  
TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				
		INBOUND	OUTBOUND	UPBOUND	THROUGH	
					UPBOUND	DOWNBOUND
TOTAL-----	12,348,920	7,706,752	3,886,876	264,476	486,091	14,125
0103 CORN-----	11,718	914	7,307		3,497	
0107 WHEAT-----	31,395		31,395			
0111 SOYBEANS-----	122,986		119,503		1,693	1,430
1091 NONFERRUS ORES, CONCENT, NEC-----	84,290	84,290				
1121 COAL AND LIGNITE-----	6,042,856	5,543,215	470,610	7,329	21,502	
1311 CRUDE PETROLEUM-----	5,103	5,103				
1411 LIMESTONE-----	4,248		4,248			
1499 NONMETALLIC MINERALS, NEC-----	8,674,663	1,184,925	2,051,891	257,147	180,700	
2049 GRAIN MILL PRODUCTS, NEC-----	4,432		2,752			1,680
2061 SUGAR-----	4,887	4,887				
2491 WOOD MANUFACTURES, NEC-----	75					75
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	10,762				10,762	
2813 ALCOHOLS-----	39,728				29,287	10,441
2818 SULPHURIC ACID-----	48,939	48,939	2,080			
2819 BASIC CHEMICALS AND PROD, NEC-----	213,345	1,673			211,672	
2879 FERTILIZER AND MATERIALS, NEC-----	704		704			
2911 GASOLINE-----	208,168	204,193	3,975			
2912 JET FUEL-----	864	864				
2913 KEROSENE-----	1,319	1,319				
2914 DISTILLATE FUEL OIL-----	48,994	40,913	3,474		4,607	
2915 RESIDUAL FUEL OIL-----	21,798	21,798				
2916 LUBRICATING OILS AND GREASES-----	7,056	4,355			2,701	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,358	1,358				
2918 ASPHALT, TAR, AND BITUMENS-----	168,274	168,274				
2920 COKE, PETROLEUM COKE-----	1,326		1,326			
3211 GLASS AND GLASS PRODUCTS-----	1,557		1,557			
3241 BUILDING CEMENT-----	124,774	124,774				
3291 STRUCTURAL CLAY PRODUCTS-----	5,845	5,845				
3271 LIME-----	13,135		13,135			
3291 MISC NONMETALLIC MINERAL PROD-----	275				135	140
3312 SLAG-----	20,925		20,925			
3314 IRON AND STEEL PRIMARY FORMS-----	11,464	11,464				
3315 IRON, STEEL SHAPES, EXC SHEET-----	94,775	90,996			3,754	125
3316 IRON AND STEEL PLATES, SHEETS-----	125,962	123,307	1,426		1,229	
3317 IRON AND STEEL PIPE AND TUBE-----	958	608			350	
3318 FERROALLOYS-----	13,935	655	13,280			
3319 IRON AND STEEL PRODUCTS, NEC-----	53,536	52,121			1,415	
3323 LEAD AND ZINC, UNWORKED-----	7,360	7,060				
3411 FABRICATED METAL PRODUCTS-----	6,329	4,997			1,432	
3511 MACHINERY, EXCEPT ELECTRICAL-----	6,076	1,145			4,477	384
3611 ELECTRICAL MACH AND EQUIP-----	2,964	1,246			1,718	
3711 SHIPS AND BOATS-----	3,202	3,202				
3791 MISC TRANSPORTATION EQUIPMENT-----	1,725					1,725
3911 MISC MANUFACTURED PRODUCTS-----	225				100	125
4011 IRON AND STEEL SCRAP-----	102,628	4,512	98,116			
4118 WATERWAY IMPROVEMENT MAT-----	1,033,152		1,033,152			
TOTAL TON-MILES, 1,023,721,138.						

CUMBERLAND RIVER, NASHVILLE, TENN., TO MILE 552 (INCLUDED IN  
TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 552)SECTION INCLUDED: CUMBERLAND RIVER, NASHVILLE, TENN., MILE 194 TO MILE 552, CONTROLLING DEPTH: 8 FEET, MILE 194 TO CELINA, TENN.,  
MILE 381, 1 FOOT THEREFROM TO WOLF CREEK DAM, MILE 460.91 9 FEET ABOVE WOLF CREEK DAM TO THE MOUTH OF LAUREL RIVER, MILE 552. PROJECT  
DEPTH: 9 FEET, MILE 194 TO CELINA, TENN., MILE 381, PRESENT HEAD OF THROUGH NAVIGATION.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	277,671	1976-----	366,753
1972-----	315,622	1977-----	368,667
1973-----	387,372	1978-----	550,936
1974-----	308,375	1979-----	267,812
1975-----	229,886	1980-----	271,206

\* PASSENGERS--137,372.

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	271,206	258,191	13,015
2491 WOOD MANUFACTURES, NEC-----	75		75
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	10,762	10,762	
2813 ALCOHOLS-----	39,728	29,287	10,441
2819 BASIC CHEMICALS AND PROD, NEC-----	204,785	204,785	
2914 DISTILLATE FUEL OIL-----	4,607	4,607	
2916 LUBRICATING OILS AND GREASES-----	2,701	2,701	

CUMBERLAND RIVER, NASHVILLE, TENN., TO MILE 952 (INCLUDED IN  
TRAFFIC OF CUMBERLAND RIVER, MOUTH TO MILE 952)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
3291 MISC NONMETALLIC MINERAL PROD-----	279	135	140
3315 IRON, STEEL SHAPES, EXC SHEET-----	200	79	129
3316 IRON AND STEEL PLATES, SHEETS-----	300	300	-----
3317 IRON AND STEEL PIPE AND TUBE-----	390	390	-----
3411 FABRICATED METAL PRODUCTS-----	900	900	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,861	4,477	384
3611 ELECTRICAL MACH AND EQUIP-----	112	112	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	1,729	-----	1,729
3911 MISC MANUFACTURED PRODUCTS-----	220	100	129
TOTAL TON-MILES, 7,145,844.			

PORT OF NASHVILLE, TENN. (INCLUDED IN TRAFFIC OF  
CUMBERLAND RIVER, TENN. AND KY.)

SECTION INCLUDED: BOTH BANKS OF CUMBERLAND RIVER, MILE 182 TO MILE 194. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	3,618,973	1976-----	3,246,744
1972-----	3,971,014	1977-----	3,332,947
1973-----	3,290,193	1978-----	2,871,392
1974-----	2,946,916	1979-----	2,671,906
1975-----	2,894,514	1980-----	1,747,668

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	1,747,668	1,617,309	127,184	3,175
0103 CORN-----	914	914	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	4,926	4,926	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	804,920	801,793	-----	3,127
2049 GRAIN MILL PRODUCTS, NEC-----	1,952	-----	1,952	-----
2061 SUGAR-----	4,887	4,887	-----	-----
2818 SULPHURIC ACID-----	46,939	46,939	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1,673	1,673	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	704	-----	704	-----
2911 GASOLINE-----	288,168	284,193	3,975	-----
2912 JET FUEL-----	864	864	-----	-----
2913 KEROSENE-----	1,319	1,319	-----	-----
2914 DISTILLATE FUEL OIL-----	42,418	38,944	3,474	-----
2915 RESIDUAL FUEL OIL-----	8,754	8,754	-----	-----
2916 LUBRICATING OILS AND GREASES-----	4,355	4,355	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,358	1,358	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	126,773	126,773	-----	-----
2920 COKE, PETROLEUM COKE-----	1,326	-----	1,326	-----
3211 GLASS AND GLASS PRODUCTS-----	1,557	-----	1,557	-----
3241 BUILDING CEMENT-----	124,774	124,774	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	5,845	5,845	-----	-----
3312 SLAG-----	4,956	-----	4,956	-----
3314 IRON AND STEEL PRIMARY FORMS-----	11,464	11,464	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	90,096	90,096	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	110,667	108,667	1,426	-----
3317 IRON AND STEEL PIPE AND TUBE-----	608	608	-----	-----
3318 FERROALLOYS-----	13,935	655	13,280	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	82,121	52,121	-----	-----
3411 FABRICATED METAL PRODUCTS-----	4,897	4,897	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	770	770	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	1,246	1,246	-----	-----
3731 SHIPS AND BOATS-----	3,202	3,202	-----	-----
4011 IRON AND STEEL SCRAP-----	99,846	4,512	95,334	-----

## TENNESSEE RIVER, TENN., ALA., AND KY.

SECTION INCLUDED: MOUTH TO KNOXVILLE, TENN. (HEAD OF RIVER), 690 MILES. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	27,685,211	22,794	1976-----	26,254,165	55,688
1972-----	28,929,732	19,249	1977-----	26,583,240	62,572
1973-----	29,346,995	71,615	1978-----	31,634,492	37,218
1974-----	27,123,623	49,894	1979-----	31,398,039	17,798
1975-----	28,316,939	19,826	1980-----	29,396,992	17,910

## NASHVILLE, TENN., DISTRICT

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TENNESSEE RIVER, TENN., ALA., AND KY.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH
							UPBOUND DOWNBOUND
TOTAL-----	29,396,592	780	19,018,595	3,209,037	2,782,742	1,081,858	2,468,798 914,772
0103 CORN-----	895,231		811,258	42,765	32,987		914 7,307
0104 OATS-----	67,785		67,785				
0106 SORGHUM GRAINS-----	1,500			1,500			
0107 WHEAT-----	799,345		700,011	63,569	4,370		31,395
0111 SOYBEANS-----	532,030		192,880	186,741	32,908		119,503
1011 IRON ORE AND CONCENTRATES-----	9,340			9,340			
1051 ALUMINUM ORES, CONCENTRATES-----	9,691		9,691				
1061 MANGANESE ORES, CONCENTRATES-----	112,507		93,368	19,139			
1091 NONFERROUS ORES, CONCENT, NEC-----	215,744		124,654	8,201			28,981 53,908
1121 COAL AND LIGNITE-----	15,465,438		12,473,646	128,691	1,196,808	284,454	973,449 429,196
1311 CRUDE PETROLEUM-----	7,214		2,111				5,103
1411 LIMESTONE-----	727,799			8,114	719,685		
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,753,512		250,828	342,641	584,941	514,602	139,100 1,400
1499 NONMETALLIC MINERALS, NEC-----	742,929		597,392	7,573	1,600		136,364
2042 PREPARED ANIMAL FEEDS-----	133,734		61,049	72,685			
2049 GRAIN MILL PRODUCTS, NEC-----	465,633		177,292	284,164		1,425	2,752
2061 SUGAR-----	6,287			1,400			
2062 MOLASSES-----	16,620		5,568	9,752	1,300		4,887
2091 VEGETABLE OILS, MARG, SHORT-----	127,455		22,795	104,660			
2411 LOGS-----	15,778		3,291	12,267	220		
2415 PULPWOOD, LOG-----	511,488			431,347			80,151
2416 WOOD CHIPS, STAVES, HOLDINGS-----	2,895			568			2,327
2421 LUMBER-----	60,556					60,556	
2491 WOOD MANUFACTURES, NEC-----	75						75
2611 PULP-----	88,311				88,311		
2621 STANDARD NEWSPRINT PAPER-----	6,908						6,908
2631 PAPER AND PAPERBOARD-----	126,370		1,144		120,011		5,215
2691 PULP AND PAPER PRODUCTS, NEC-----	1,449						1,449
2810 SODIUM HYDROXIDE-----	253,976		72,389	159,387	17,357		4,843
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	136,405		60,289	65,354			10,762
2813 ALCOHOLS-----	53,516		13,788				29,287 10,441
2817 BENZENE AND TOLUENE-----	759			759			
2818 SULPHURIC ACID-----	78,227		27,866			1,422	46,939 2,000
2819 BASIC CHEMICALS AND PROD, NEC-----	1,478,621		1,199,843	55,739	16,611		206,488
2861 GUM AND WOOD CHEMICALS-----	2,829			1,327	1,502		
2871 NITROGENOUS CHEM FERTILIZERS-----	147,524		28,877	106,065	12,582		
2872 POTASSIC CHEM FERTILIZERS-----	25,941		25,941				
2879 FERTILIZER AND MATERIALS, NEC-----	198,122		101,052	91,815		4,551	704
2891 MISCELLANEOUS CHEMICAL PROD-----	111,544		54,585	2,292	29,547	25,120	
2911 GASOLINE-----	649,251		369,056	95,884			180,336 3,975
2912 JET FUEL-----	1,764		900				864
2913 KEROSENE-----	2,654		1,335				1,319
2914 DISTILLATE FUEL OIL-----	488,177		297,270	8,457		120,000	62,450
2915 RESIDUAL FUEL OIL-----	285,081		193,598	16,634			74,849
2916 LUBRICATING OILS AND GREASES-----	30,977		21,518	2,403			7,056
2917 NAPHTHA, PETROLEUM SOLVENTS-----	21,995		20,637				1,358
2918 ASPHALT, TAR, AND BITUMENS-----	412,697		262,699				149,998
2920 COKE, PETROLEUM COKE-----	185,372		180,596	3,450			1,326
2921 LIQUEFIED GASES-----	18,020			18,020			
3211 GLASS AND GLASS PRODUCTS-----	1,670			113			1,557
3241 BUILDING CEMENT-----	203,853		79,079				124,774
3251 STRUCTURAL CLAY PRODUCTS-----	6,445					600	5,845
3271 LIME-----	13,135						
3291 MISC NONMETALLIC MINERAL PROD-----	8,212				508	7,837	140 13,135
3311 PIG IRON-----	8,359		2,002	6,357			
3312 SLAG-----	20,525						20,525
3314 IRON AND STEEL PRIMARY FORMS-----	20,193		7,379		1,350		11,464
3315 IRON, STEEL SHAPES, EXC SHEET-----	150,445		99,537	210		250	50,448
3316 IRON AND STEEL PLATES, SHEETS-----	191,396		60,260				129,710 1,426
3317 IRON AND STEEL PIPE AND TUBE-----	18,435		4,889	12,588			958
3318 FERROALLOYS-----	125,782		32,386	77,461			695 13,280
3319 IRON AND STEEL PRODUCTS, NEC-----	95,043		39,775	135			54,878 275
3321 NONFERROUS METALS, NEC-----	1,859		763	1,096			
3323 LEAD AND ZINC, UNWORKED-----	7,719		659				7,060
3324 ALUMINUM AND ALLOYS, UNWORKED-----	9,684		5,561	4,123			
3411 FABRICATED METAL PRODUCTS-----	29,651	180	15,422	6,378	135		5,547 1,989
3511 MACHINERY, EXCEPT ELECTRICAL-----	15,722	550	4,733	1,482	1,825	975	5,973 784
3611 ELECTRICAL MACH AND EQUIP-----	113,353		90,471	21,516		8	1,358
3711 MOTOR VEHICLES, PARTS, EQUIP-----	70			70			
3731 SHIPS AND BOATS-----	28,606			25,404			3,202
3791 MISC TRANSPORTATION EQUIPMENT-----	1,833			100		8	1,725
3911 MISC MANUFACTURED PRODUCTS-----	275		125	100		50	
4011 IRON AND STEEL SCRAP-----	192,027		42,830	8,019			4,512 96,866
4012 NONFERROUS METAL SCRAP-----	5,662		1,132	4,530			
4112 COMMODITIES, NEC-----	4,800		4,800				
4118 WATERWAY IMPROVEMENT MAT-----	676,672			676,672			
TOTAL TON-MILES, 5,330,099,702.							

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS

SECTION INCLUDED: CANAL CONNECTING BARKLEY RESERVOIR AND KENTUCKY RESERVOIR, 1.75 MILES, CONTROLLING DEPTH: AT LEAST 9 FEET.  
PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	3,736,310	1976-----	3,624,040
1972-----	4,140,348	1977-----	4,749,032
1973-----	4,977,645	1978-----	5,701,047
1974-----	4,699,038	1979-----	4,619,017
1975-----	4,892,310	1980-----	3,332,538

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL THROUGH	
		EASTBOUND	WESTBOUND
TOTAL-----	3,332,538	2,351,776	980,762
0103 CORN-----	11,718	944	10,804
0107 WHEAT-----	31,395	---	31,395
0111 SOYBEANS-----	122,586	1,430	121,156
1091 NONFERROUS ORES, CONCENT, NEC-----	82,889	82,889	---
1121 COAL AND LIGNITE-----	1,414,620	963,922	450,698
1311 CRUDE PETROLEUM-----	5,103	5,103	---
1442 SAND, GRAVEL, CRUSHED ROCK-----	327,854	147,154	180,700
1499 NONMETALLIC MINERALS, NEC-----	58,871	58,871	---
2049 GRAIN MILL PRODUCTS, NEC-----	4,438	1,680	2,752
2061 SUGAR-----	4,887	4,887	---
2491 WOOD MANUFACTURES, NEC-----	75	---	75
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	10,762	10,762	---
2813 ALCOHOLS-----	39,728	29,287	10,441
2818 SULPHURIC ACID-----	48,939	48,939	2,000
2819 BASIC CHEMICALS AND PROD, NEC-----	213,345	206,498	6,887
2879 FERTILIZER AND MATERIALS, NEC-----	704	---	704
2911 GASOLINE-----	184,311	180,336	3,975
2912 JET FUEL-----	864	---	864
2913 KEROSENE-----	1,319	1,319	---
2914 DISTILLATE FUEL OIL-----	40,661	40,661	---
2915 RESIDUAL FUEL OIL-----	17,477	17,477	---
2916 LUBRICATING OILS AND GREASES-----	7,056	7,056	---
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,358	1,358	---
2918 ASPHALT, TAR, AND PITCHES-----	149,998	149,998	---
2920 COKE, PETROLEUM COKE-----	1,326	---	1,326
3211 GLASS AND GLASS PRODUCTS-----	1,557	---	1,557
3241 BUILDING CEMENT-----	124,774	124,774	---
3251 STRUCTURAL CLAY PRODUCTS-----	5,845	5,845	---
3271 LIME-----	13,138	---	13,138
3291 MISC NONMETALLIC MINERAL PROD-----	275	135	140
3312 SLAG-----	20,528	---	20,528
3314 IRON AND STEEL PRIMARY FORMS-----	11,464	11,464	---
3315 IRON, STEEL SHAPES, ETC SHEET-----	52,269	48,445	3,804
3316 IRON AND STEEL PLATES, SHEETS-----	123,413	121,098	2,355
3317 IRON AND STEEL PIPE AND TUBE-----	958	958	---
3318 FERROALLOYS-----	13,938	655	13,280
3319 IRON AND STEEL PRODUCTS, NEC-----	93,536	92,121	1,415
3323 LEAD AND ZINC, UNWORKED-----	7,060	7,060	---
3411 FABRICATED METAL PRODUCTS-----	6,329	5,397	932
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,791	5,407	384
3611 ELECTRICAL MACH AND EQUIP-----	2,964	1,358	1,606
3731 SHIPS AND BOATS-----	3,202	3,202	---
3791 MISC TRANSPORTATION EQUIPMENT-----	1,725	---	1,725
3911 MISC MANUFACTURED PRODUCTS-----	129	---	129
4011 IRON AND STEEL SCRAP-----	101,378	4,512	96,866
TOTAL TON-MILES, 6,665,076.			

## PRINCIPAL PORTS ON TENNESSEE RIVER (INCLUDED IN TRAFFIC OF TENNESSEE RIVER, TENN., ALA., AND KY.)

## COMPARATIVE STATEMENT OF TRAFFIC

## (SHORT TONS)

YEAR	GUNTERSVILLE, ALA.	CHATTANOOGA, TENN.	KNOWVILLE, TENN.	YEAR	GUNTERSVILLE, ALA.	CHATTANOOGA, TENN.	KNOWVILLE, TENN.
1971-----	1,769,930	2,208,295	552,984	1976-----	982,223	1,804,421	276,772
1972-----	1,462,242	1,657,952	602,029	1977-----	1,050,871	1,738,241	335,376
1973-----	1,355,172	1,701,267	422,002	1978-----	1,341,392	1,993,451	281,373
1974-----	1,353,428	1,796,770	357,812	1979-----	1,350,674	1,638,842	281,269
1975-----	1,047,552	1,590,922	310,956	1980-----	1,504,840	1,357,527	308,171

## NASHVILLE, TENN., DISTRICT

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PRINCIPAL PORTS ON TENNESSEE RIVER (INCLUDED IN TRAFFIC  
OF TENNESSEE RIVER, TENN., ALA., AND KY.)--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	GUNTERSVILLE, ALA.	CHATTANOOGA, TENN.	KNOXVILLE, TENN.
TOTAL, ALL TRAFFIC-----	1,594,840	1,357,527	300,171
COASTWISE SHIPMENTS			
3411 FABRICATED METAL PRODUCTS-----		180	
3511 MACHINERY, EXCEPT ELECTRICAL-----		550	
TOTAL-----		730	
INTERNAL RECEIPTS			
0103 CORN-----	175,145	56,005	
0104 OATS-----	42,820	24,965	
0107 WHEAT-----	2,150	512,058	41,415
0111 SOYBEANS-----	175,659	8,797	
1051 ALUMINUM ORES, CONCENTRATES-----	8,033		
1061 MANGANESE ORES, CONCENTRATES-----	1,478		
1091 NONFERROUS ORES, CONCENT. NEC-----		1,400	17,200
1121 COAL AND LIGNITE-----	1,661		
1442 SAND, GRAVEL, CRUSHED ROCK-----		346,800	29,282
1499 NONMETALLIC MINERALS, NEC-----	1,451	17,854	18,171
2042 PREPARED ANIMAL FEEDS-----	57,072		
2049 GRAIN MILL PRODUCTS, NEC-----	122,516	43,532	
2062 MOLASSES-----			5,568
2091 VEGETABLE OILS, MARG, SHORT-----		22,795	
2810 SODIUM HYDROXIDE-----	29,046	23,720	
2813 ALCOHOLS-----	13,788		
2819 BASIC CHEMICALS AND PROD, NEC-----	1,524	28,066	46,902
2915 RESIDUAL FUEL OIL-----	4,680	27,144	47,442
2916 LUBRICATING OILS AND GREASES-----	17,720		
2918 ASPHALT, TAR, AND PITCHES-----		61,452	62,495
2920 COKE, PETROLEUM COKE-----	116,743	27,503	4,331
3311 PIG IRON-----		2,802	
3314 IRON AND STEEL PRIMARY FORMS-----	3,041	2,073	1,350
3315 IRON, STEEL SHAPES, EXC SHEET-----	35,263	34,385	
3316 IRON AND STEEL PLATES, SHEETS-----	6,638	22,048	4,180
3317 IRON AND STEEL PIPE AND TUBE-----	930	2,328	
3318 FERROALLOYS-----	5,567		
3319 IRON AND STEEL PRODUCTS, NEC-----	9,526	5,494	3,480
3323 LEAD AND ZINC, UNWORKED-----		659	
3411 FABRICATED METAL PRODUCTS-----		4,182	57
3511 MACHINERY, EXCEPT ELECTRICAL-----		852	1,850
3611 ELECTRICAL MACH AND EQUIP-----	85	214	324
4011 IRON AND STEEL SCRAP-----	11,305	2,842	
TOTAL-----	1,043,671	1,279,170	284,047
INTERNAL SHIPMENTS			
0103 CORN-----		2,862	
0107 WHEAT-----		1,400	
0111 SOYBEANS-----	7,943	4,208	
1121 COAL AND LIGNITE-----	59,919	13,662	
1411 LIMESTONE-----			6,704
1442 SAND, GRAVEL, CRUSHED ROCK-----		923	700
1499 NONMETALLIC MINERALS, NEC-----		1,600	4,500
2042 PREPARED ANIMAL FEEDS-----	36,604	1,500	
2049 GRAIN MILL PRODUCTS, NEC-----	54,065	39,686	
2091 VEGETABLE OILS, MARG, SHORT-----	31,967		
2415 PULPHOOD, LOG-----	336,474		
2915 RESIDUAL FUEL OIL-----	16,634		
3311 PIG IRON-----	5,597		
3314 IRON AND STEEL PRIMARY FORMS-----		1,350	
3315 IRON, STEEL SHAPES, EXC SHEET-----	135		
3318 FERROALLOYS-----		1,298	
3411 FABRICATED METAL PRODUCTS-----		2,431	
3511 MACHINERY, EXCEPT ELECTRICAL-----	302	1,290	
3611 ELECTRICAL MACH AND EQUIP-----		2,300	
3791 MISC TRANSPORTATION EQUIPMENT-----		100	
4011 IRON AND STEEL SCRAP-----	1,569	3,017	
TOTAL-----	551,169	77,627	11,904
LOCAL			
1442 SAND, GRAVEL, CRUSHED ROCK-----			2,920
2062 MOLASSES-----			1,300
TOTAL-----			4,220

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILES	PASSENGERS
NONPROJECT				
1442 SAND, GRAVEL, CRUSHED ROCK-----	1499 NONMETALLIC MINERALS, NEC-----	44,243		
2415 PULPHOOD, LOG-----	2415 PULPHOOD, LOG-----	511,408		
2416 WOOD CHIPS, STAVES, HOLDINGS-----	2416 WOOD CHIPS, STAVES, HOLDINGS-----	2,127		
2421 STANDARD NEWSPRINT PAPER-----	2421 STANDARD NEWSPRINT PAPER-----	4,127		
2431 PAPER AND PAPERBOARD-----	2431 PAPER AND PAPERBOARD-----	5,215		
2491 PULP AND PAPER PRODUCTS, NEC-----	2491 PULP AND PAPER PRODUCTS, NEC-----	1,449		
2810 SODIUM HYDROXIDE-----	2810 SODIUM HYDROXIDE-----	19,771		
2891 MISCELLANEOUS CHEMICAL PROD-----	2891 MISCELLANEOUS CHEMICAL PROD-----	20,442		
2915 RESIDUAL FUEL OIL-----	2915 RESIDUAL FUEL OIL-----	31,226		
TOTAL-----	TOTAL-----	549,956	12,197,227	

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## LOUISVILLE, KY., DISTRICT

GREEN AND BARREN RIVERS, KY.

SECTION INCLUDED: GREEN RIVER, FROM MOUTH TO MAMMOTH CAVE, 197.8 MILES; BARREN RIVER, FROM MOUTH TO BOWLING GREEN, 30.1 MILES.  
 CONTROLLING DEPTH AND PROJECT DEPTH: GREEN RIVER, 9 FEET FROM MOUTH TO MILE 103; THENCE 5.5 FEET TO MAMMOTH CAVE; BARREN RIVER, 5.5  
 FEET FROM MOUTH TO BOWLING GREEN. RIVER TRAFFIC SUSPENDED ABOVE MILE 149, GREEN RIVER, UNTIL FURTHER NOTICE DUE TO THE FAILURE OF DAM  
 NO. 4, GREEN RIVER.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	14,610,917	1976-----	13,781,231
1972-----	16,245,729	1977-----	13,501,167
1973-----	15,517,337	1978-----	10,080,475
1974-----	13,639,721	1979-----	10,806,466
1975-----	15,893,645	1980-----	9,983,135

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	DOWNBOUND
TOTAL-----	9,983,135	1,058,706	8,559,683	364,746
0103 CORN-----	28,378		28,378	
0107 WHEAT-----	14,340		14,340	
0111 SOYBEANS-----	103,345		103,345	
1121 COAL AND LIGNITE-----	9,335,355	596,989	8,413,620	364,746
1499 NONMETALLIC MINERALS, NEC-----	1,475	1,475		
2819 BASIC CHEMICALS AND PROD. NEC-----	405,327	405,327		
2920 COKE, PETROLEUM COKE-----	49,044	49,044		
3271 LIME-----	45,721	45,721		
3317 IRON AND STEEL PIPE AND TUBE-----	150	150		
TOTAL TON-MILES, 752,427,710.				

KENTUCKY RIVER, KY.

SECTION INCLUDED: MOUTH TO CONFLUENCE OF NORTH AND SOUTH FORKS, 254.7 MILES. CONTROLLING DEPTH: 6 FEET; PROJECT DEPTH: 6 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	525,954	3,452	1976-----	538,712	•
1972-----	508,990	1,916	1977-----	465,116	268
1973-----	777,894	•	1978-----	415,521	2,986
1974-----	652,607	1,264	1979-----	417,947	1,122
1975-----	580,481	•	1980-----	292,276	1,604

• NONE REPORTED.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY		INTERNAL
		INBOUND
1442 SAND, GRAVEL, CRUSHED ROCK-----		292,276
TOTAL TON-MILES, 19,057,722.		

# HUNTINGTON, W. VA., DISTRICT

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BIG SANDY RIVER, TUG AND LEVISA FORKS, KY, AND W. VA.

SECTION INCLUDED: BIG SANDY, MOUTH TO MILE 26.83; TUG FORK, 12.47 MILES ABOVE CONFLUENCE; LEVISA FORK, 17.47 MILES ABOVE CONFLUENCE. PROJECT INACTIVE! CONTROLLING DEPTH: A SLACK WATER CHANNEL FROM THE OHIO RIVER PROVIDING A 9-FOOT DEPTH FOR 8.9 MILES IS PRESENTLY BEING MAINTAINED. NO MAINTENANCE IS PRESENTLY BEING PERFORMED BEYOND, HIGH WATER NAVIGATION ONLY BEYOND MILE 8.9.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,992,984	1976-----	1,411,887
1972-----	1,929,433	1977-----	1,282,480
1973-----	1,054,112	1978-----	1,948,674
1974-----	1,448,411	1979-----	2,911,752
1975-----	1,450,278	1980-----	2,491,796

## FOREIGN TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	2,491,796	328,530	2,163,266
1121 COAL AND LIGNITE-----	955,388	-----	955,388
1311 CRUDE PETROLEUM-----	5,946	5,946	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	28,703	28,703	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	13,639	-----	13,639
2817 BENZENE AND TOLUENE-----	41,835	-----	41,835
2819 BASIC CHEMICALS AND PROD, NEC-----	150,868	-----	150,868
2911 GASOLINE-----	105,730	39,930	65,800
2912 JET FUEL-----	20,344	16,477	3,867
2914 DISTILLATE FUEL OIL-----	7,494	5,525	1,969
2915 RESIDUAL FUEL OIL-----	571,053	223,462	347,591
2916 LUBRICATING OILS AND GREASES-----	162,700	-----	162,700
2917 NAPHTHA, PETROLEUM SOLVENTS-----	58,023	7,142	50,881
2918 ASPHALT, TAR, AND BITUMENS-----	369,728	-----	369,728
3318 FERROALLOYS-----	1,345	1,345	-----
TOTAL TON-MILES, 11,407,995.			

## KANAWHA RIVER, W. VA.

SECTION INCLUDED: OHIO RIVER TO HEAD OF NAVIGATION, MILE 90.57 ABOVE MOUTH. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	14,952,366	1976-----	12,250,362
1972-----	14,531,216	1977-----	10,755,599
1973-----	14,169,337	1978-----	10,992,616
1974-----	12,781,026	1979-----	13,776,446
1975-----	12,449,424	1980-----	14,673,929

\*PASSENGERS--150.

## FOREIGN TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL			
		SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	14,673,829	1,100	5,795,420	6,877,230	617,097	1,383,022
1011 IRON ORE AND CONCENTRATES-----	1,255	-----	-----	1,255	-----	-----
1001 MANGANESE ORES, CONCENTRATES-----	5,857	-----	1,900	4,307	-----	-----
1121 COAL AND LIGNITE-----	8,753,386	-----	268,483	6,613,774	605,536	1,265,593
1411 LIMESTONE-----	87,066	-----	87,066	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,802,913	-----	1,801,510	-----	1,403	-----
1493 SULPHUR, LIQUID-----	10,477	-----	10,477	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	102,624	-----	102,624	-----	-----	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	568	-----	568	-----	-----	-----
2810 SODIUM HYDROXIDE-----	46,851	-----	30,111	-----	1,270	15,470
2813 ALCOHOLS-----	294,976	-----	287,399	5,293	287	1,997
2817 BENZENE AND TOLUENE-----	24,903	-----	23,503	1,400	-----	-----
2818 SULPHURIC ACID-----	16,192	-----	16,192	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1,913,012	-----	1,643,550	190,125	6,719	72,618
2821 PLASTIC MATERIALS-----	3,017	-----	3,017	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	81,371	-----	33,471	-----	606	27,300
2911 GASOLINE-----	691,965	-----	689,545	1,178	1,242	-----
2912 JET FUEL-----	30,117	-----	30,117	-----	-----	-----
2913 KEROSENE-----	10,521	-----	10,521	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	296,866	-----	295,122	1,744	-----	-----
2915 RESIDUAL FUEL OIL-----	10,071	-----	-----	10,071	-----	-----
2916 LUBRICATING OILS AND GREASES-----	15,839	-----	15,839	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	88,261	-----	88,261	-----	-----	-----



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

KANAWHA RIVER, W. VA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL			
		SHIPMENTS	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
2920 COKE, PETROLEUM COKE-----	367	-----	867	-----	-----	-----
3241 BUILDING CEMENT-----	99,305	-----	99,891	-----	-----	-----
3271 LIME-----	663	-----	663	-----	-----	-----
3312 SLAG-----	231,310	-----	231,410	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	347	-----	-----	329	-----	22
3316 IRON AND STEEL PLATES, SHEETS-----	3,216	-----	3,216	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	827	-----	827	-----	-----	-----
3318 FERROALLOYS-----	8,060	-----	-----	8,060	-----	-----
3411 FABRICATED METAL PRODUCTS-----	969	-----	-----	969	-----	-----
3911 MACHINERY, EXCEPT ELECTRICAL-----	2,104	1,100	962	426	-----	22
3911 MISC MANUFACTURED PRODUCTS-----	27	-----	-----	27	-----	-----
4011 IRON AND STEEL SCRAP-----	38,282	-----	-----	38,282	-----	-----
TOTAL TON-MILES, 872,622,577,						

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
LITTLE KANAWHA RIVER, W. VA.-----	1411 LIMESTONE-----	4,909	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	60,293	-----	-----
	2911 GASOLINE-----	86,722	-----	-----
	3312 SLAG-----	30,174	-----	-----
	TOTAL-----	201,698	518,372	-----
MUSKINGUM RIVER, OHIO-----	NO COMMERCE REPORTED			

# PITTSBURGH, PA., DISTRICT

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## PORT OF PITTSBURGH, PA.

SECTION INCLUDED: OHIO RIVER FROM PITTSBURGH, PA. TO MILE 40 (PENNSYLVANIA/OHIO STATE LINE); ALLEGHENY RIVER FROM PITTSBURGH, PA. TO MILE 30 (FREEPORT); MONONGAHELA RIVER FROM PITTSBURGH, PA. TO MILE 43 (CHARLESTON); INCLUDES ALIQUIPPA-ROCHESTER, PITTSBURGH, CLAIRTON-ELIZABETH. CONTROLLING DEPTH: 9 FEET, PROJECT DEPTH: 9 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	•	•	1976-----	•	•
1972-----	•	•	1977-----	•	•
1973-----	•	•	1978-----	•	•
1974-----	•	•	1979-----	40,881,673	1,262,475
1975-----	•	•	1980-----	36,586,155	861,793

\*NOT COMPILED PRIOR TO 1979.  
\*PORT LIMITS EXTENDED IN CY 1979

## FREIGHT TRAFFIC, 1980

### DOMESTIC

#### (SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL		LOCAL
		SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	36,586,155	400	26,531,949	5,083,086	4,970,720
0111 SOYBEANS-----	1,075	---	1,075	---	---
1011 IRON ORE AND CONCENTRATES-----	53,392	---	53,392	---	---
1091 ALUMINUM ORES, CONCENTRATES-----	4,421	---	3,021	1,400	---
1081 MANGANESE ORES, CONCENTRATES-----	179,140	---	16,485	161,234	1,421
1091 NONFERROUS ORES, CONCENT, NEC-----	121,175	---	70,943	50,232	---
1121 COAL AND LIGNITE-----	23,772,992	---	18,083,685	1,771,962	3,917,345
1311 CRUDE PETROLEUM-----	80,113	---	80,113	---	---
1411 LIMESTONE-----	551,054	---	516,395	---	34,659
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,415,199	---	2,803,279	99,391	512,529
1491 CLAY-----	22,760	---	18,628	4,132	---
1499 NONMETALLIC MINERALS, NEC-----	304,009	---	301,238	2,771	---
2014 TALLOW, ANIMAL FATS AND OILS-----	8,692	---	---	8,692	---
2041 WHEAT FLOUR AND SEMOLINA-----	39,350	---	39,350	---	---
2049 GRAIN MILL PRODUCTS, NEC-----	1,400	---	1,400	---	---
2421 LUMBER-----	3,322	---	3,322	---	---
2431 VENEER, PLYWOOD, WORKED WOOD-----	979	---	979	---	---
2631 PAPER AND PAPERBOARD-----	2,470	---	2,470	---	---
2810 SODIUM HYDROXIDE-----	31,604	---	31,604	---	---
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	302,806	---	19,000	232,006	51,800
2813 ALCOHOLS-----	120,001	---	117,383	1,318	1,300
2817 BENZENE AND TOLUENE-----	235,136	---	95,789	108,441	30,906
2818 SULPHURIC ACID-----	53,662	---	48,862	4,800	---
2819 BASIC CHEMICALS AND PROD, NEC-----	403,850	---	280,974	57,392	65,484
2821 PLASTIC MATERIALS-----	61,747	---	60,441	1,306	---
2871 NITROGENOUS CHEM FERTILIZERS-----	10,935	---	---	10,935	---
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,429	---	1,429	---	---
2891 MISCELLANEOUS CHEMICAL PROD-----	13,401	---	13,401	---	---
2911 GASOLINE-----	1,203,830	---	837,351	296,302	70,177
2912 JET FUEL-----	452,174	---	420,753	31,421	---
2913 KEROSENE-----	46,516	---	36,990	4,273	5,253
2914 DISTILLATE FUEL OIL-----	1,070,581	---	609,674	202,034	258,873
2915 RESIDUAL FUEL OIL-----	307,679	---	241,990	61,983	3,706
2916 LUBRICATING OILS AND GREASES-----	331,910	---	295,840	32,178	3,892
2917 NAPHTHA, PETROLEUM SOLVENTS-----	106,116	---	92,161	13,955	---
2918 ASPHALT, TAR, AND PITCHES-----	363,706	---	280,913	82,793	---
2920 COKE, PETROLEUM COKE-----	294,550	---	17,607	276,943	---
2991 PETROLEUM AND COAL PROD, NEC-----	11,297	---	11,297	---	---
3241 BUILDING CEMENT-----	147,794	---	150	147,107	537
3291 STRUCTURAL CLAY PRODUCTS-----	7,172	---	1,475	5,697	---
3271 LIME-----	457,540	---	457,540	---	---
3311 PIG IRON-----	34,967	---	---	34,967	---
3314 IRON AND STEEL PRIMARY FORMS-----	236,539	---	35,865	200,674	---
3315 IRON, STEEL SHAPES, EXC SWEET-----	151,193	---	7,014	142,021	2,158
3316 IRON AND STEEL PLATES, SHEETS-----	326,578	---	2,909	322,725	944
3317 IRON AND STEEL PIPE AND TUBE-----	408,621	---	3,426	405,197	28
3318 FERROALLOYS-----	331,463	---	312,352	18,411	700
3319 IRON AND STEEL PRODUCTS, NEC-----	91,528	---	2,542	88,986	---
3323 LEAD AND ZINC, UNWORKED-----	7,478	---	2,560	4,918	---
3411 FABRICATED METAL PRODUCTS-----	40,970	400	1,038	39,142	390
3511 MACHINERY, EXCEPT ELECTRICAL-----	47,063	---	5,706	39,050	2,307
3911 MISC MANUFACTURED PRODUCTS-----	27	---	27	---	---
4011 IRON AND STEEL SCRAP-----	311,149	---	190,111	116,327	4,711
4118 WATERWAY IMPROVEMENT MAT-----	1,600	---	---	---	1,600

## MONONGAHELA RIVER, PA. AND W. VA.

SECTION INCLUDED: PITTSBURGH, PA., TO FAIRMONT, W. VA., 128.7 MILES. CONTROLLING DEPTH: 9 FEET, PROJECT DEPTH: 9 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	35,470,419	1,930	1976-----	36,489,211	344
1972-----	38,624,413	300	1977-----	34,420,145	4,140
1973-----	37,592,584	924	1978-----	31,673,709	2,696
1974-----	38,265,899	751	1979-----	38,222,745	1,040,854
1975-----	37,268,475	1,028	1980-----	34,319,579	657,514

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MONONGAHELA RIVER, PA., AND W. VA.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	34,310,879	8,217,385	10,886,963	1,792,742	13,413,789
1011 IRON ORE AND CONCENTRATES-----	46,478	46,478			
1091 MANGANESE ORES, CONCENTRATES-----	164,425	7,623	155,381	1,421	
1091 NONFERROUS ORES, CONCENT, NEC-----	988				
1121 COAL AND LIGNITE-----	28,710,664	5,080,902	8,599,256	1,696,677	13,333,829
1411 LIMESTONE-----	513,723		513,723		
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,218,446	1,182,072	15,294	16,805	4,275
1499 NONMETALLIC MINERALS, NEC-----	178,913	177,842	1,371		
2421 LUMBER-----	3,322	3,322			
2431 PAPER AND PAPERBOARD-----	2,470	2,470			
2810 SODIUM HYDROXIDE-----	2,558				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	129,195	2,750	126,445		
2813 ALCOHOLS-----	1,300		1,300		
2817 BENZENE AND TOLUENE-----	100,159		100,159		
2818 SULPHURIC ACID-----	33,902		27,741		6,161
2819 BASIC CHEMICALS AND PROD, NEC-----	119,579	14,762	29,333	10,000	65,484
2821 PLASTIC MATERIALS-----	4,170	4,170			
2871 NITROGENOUS CHEM FERTILIZERS-----	17,857		17,857		
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,429	1,429			
2911 GASOLINE-----	725,535	662,305	9,821	53,409	
2913 KEROSENE-----	23,492				
2914 DISTILLATE FUEL OIL-----	485,314	437,254	32,219	14,430	1,411
2915 RESIDUAL FUEL OIL-----	193,620	174,987	17,083		1,550
2916 LUBRICATING OILS AND GREASES-----	8,449	6,881	1,568		
2918 ASPHALT, TAR, AND PITCHES-----	182,568	130,292	52,276		
2920 COKE, PETROLEUM COKE-----	211,804		211,804		
3241 BUILDING CEMENT-----	56,858	56,858			
3251 STRUCTURAL CLAY PRODUCTS-----	9,849		9,849		
3314 IRON AND STEEL PRIMARY FORMS-----	196,842		196,842		
3315 IRON, STEEL SHAPES, EXC SHEET-----	67,195	3,168	64,027		
3316 IRON AND STEEL PLATES, SHEETS-----	301,232	2,909	297,379		944
3317 IRON AND STEEL PIPE AND TUBE-----	227,962	2,244	225,718		
3318 FERROALLOYS-----	71,204	68,380	2,824		
3319 IRON AND STEEL PRODUCTS, NEC-----	78,166	3,820	74,346		
3323 LEAD AND ZINC, UNWORKED-----	3,581	2,560	1,021		
3411 FABRICATED METAL PRODUCTS-----	4,151		4,016		135
3911 MACHINERY, EXCEPT ELECTRICAL-----	5,702	3,340	2,362		
4011 IRON AND STEEL SCRAP-----	206,177	110,229	95,948		
4118 WATERWAY IMPROVEMENT MAT-----	1,600	1,600			
TOTAL TON-MILES, 1,507,005,929.					

## ALLEGHENY RIVER, PA., IMPROVED PORTION

SECTION INCLUDED: PITTSBURGH, PA., TO ABOVE EAST BRADY, PA., IMPROVED PORTION 72 MILES, CONTROLLING DEPTH: 9 FEET, PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	5,946,165		1976-----	4,981,158	
1972-----	5,425,369		1977-----	5,084,990	
1973-----	5,317,340		1978-----	4,404,714	
1974-----	5,532,052		1979-----	4,819,088	512,554
1975-----	5,382,206	620	1980-----	5,012,399	524,027

## FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	5,012,399	1,482,452	1,286,405	878,109	1,365,353
1011 IRON ORE AND CONCENTRATES-----	5,891	5,891			
1091 ALUMINUM ORES, CONCENTRATES-----	4,421	3,021	1,400		
1091 MANGANESE ORES, CONCENTRATES-----	1,847	412	1,438		
1091 NONFERROUS ORES, CONCENT, NEC-----	30,799	30,799			
1121 COAL AND LIGNITE-----	1,348,847	690,104	658,743		
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,829,528	34,493	551,573	878,109	1,365,353
1451 CLAY-----	21,282	17,150	4,132		
1499 NONMETALLIC MINERALS, NEC-----	62,552	62,552			
2014 TALLOW, ANIMAL FATS AND OILS-----	8,692		8,692		
2041 WHEAT FLOUR AND SEMOLINA-----	39,350	39,350			
2431 VENEER, PLYWOOD, WORKED WOOD-----	979	979			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	6,841	6,841			
2813 ALCOHOLS-----	64,051	64,051			
2819 BASIC CHEMICALS AND PROD, NEC-----	69,775	69,775			
2911 GASOLINE-----	1,472		1,472		
2913 KEROSENE-----	3,136	1,764	1,372		
2914 DISTILLATE FUEL OIL-----	35,328	17,881	17,447		
2915 RESIDUAL FUEL OIL-----	13,311	13,311			

## PITTSBURGH, PA., DISTRICT

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ALLEGHENY RIVER, PA., IMPROVED PORTION--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
2916 LUBRICATING OILS AND GREASES-----	191,455	179,832	11,623	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	9,416	9,416	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	104,525	104,525	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	37,678	17,607	20,071	-----	-----
2991 PETROLEUM AND COAL PROD. NEC-----	11,297	11,297	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	1,407	-----	1,407	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,823	1,436	1,387	-----	-----
3318 FERROALLOYS-----	36,463	36,463	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,044	100	944	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,767	1,767	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	64,822	61,635	3,187	-----	-----
4118 WATERWAY IMPROVEMENT MAT-----	1,600	-----	1,600	-----	-----
TOTAL TON-MILES, 74,903,911.					

PITTSBURGH, PA., DISTRICT (INCLUDED IN ALLEGHENY, MONONGAHELA, AND OHIO RIVERS)

SECTION INCLUDED: ALLEGHENY RIVER, MONONGAHELA RIVER, AND OHIO RIVER ABOVE MILE 127.2, CONTROLLING DEPTH: 9 FEET;

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	60,101,723	1,930	1976-----	64,012,452	344
1972-----	63,175,917	300	1977-----	64,249,921	4,140
1973-----	63,095,743	524	1978-----	61,002,020	2,695
1974-----	65,498,048	751	1979-----	70,880,067	1,553,408
1975-----	63,957,724	1,028	1980-----	64,845,442	1,181,531

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## SUMMARY OF TRAFFIC, PITTSBURGH, PA., ENGINEER DISTRICT, 1980

DOMESTIC

(SHORT TONS)

LOCALITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
PORT OF PITTSBURGH, PA.-----	36,586,155	-----	400	26,531,949	5,083,086	4,970,720
OTHER AREAS IN THE PITTSBURGH, PA., ENGINEER DISTRICT-----	47,190,391	-----	9,935	10,905,203	25,658,292	10,620,961
TOTAL-----	83,776,546	-----	6,335	37,437,152	30,741,378	15,591,681
LESS DUPLICATIONS-----	-18,931,104	-----	-----	-18,931,104	-18,931,104	-18,931,104
GRAND TOTAL, ALL TRAFFIC-----	64,845,442	-----	6,335	18,506,048	11,810,274	34,522,785

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ALLEGHENY RIVER, PA., OPEN CHANNEL PORTION-----	NO COMMERCE REPORTED			

## OHIO RIVER DIVISION

## OHIO RIVER

SECTION INCLUDED: PITTSBURGH, PA., TO MOUTH OF RIVER, 981 MILES, CONTROLLING DEPTH: 9 FEET, PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	133,363,905	-----	133,363,905	445,364	1976-----	148,417,810	-----	148,417,810	419,946
1972-----	138,877,692	-----	138,877,692	437,974	1977-----	151,402,617	-----	151,402,617	357,100
1973-----	136,934,374	-----	136,934,374	428,497	1978-----	152,571,017	-----	152,571,017	373,191
1974-----	139,294,213	-----	139,294,213	413,397	1979-----	165,320,919	-----	165,320,919	1,299,489
1975-----	140,058,314	-----	140,058,314	411,311	1980-----	155,906,719	-----	155,906,719	1,000,890

## FREIGHT TRAFFIC, 1980

## OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE		
		RECEIPTS	SHIPMENTS	THROUGH DOWNBOUND
TOTAL-----	16,008	7,843	6,335	1,830
1471 PHOSPHATE ROCK-----	1,345	1,345	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	4,088	4,088	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	5,935	-----	5,935	-----
3411 FABRICATED METAL PRODUCTS-----	960	-----	400	180
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,650	-----	-----	1,650
3611 ELECTRICAL MACH AND EQUIP-----	2,410	2,410	-----	-----
TON-MILES, OCEANGOING, 9,287,078.				

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH	
						UPBOUND	DOWNBOUND
TOTAL-----	155,890,711	34,811,652	46,907,856	28,362,018	19,808,084	13,517,379	12,483,722
0102 BARLEY AND RYE-----	14,832	14,832	-----	-----	-----	-----	-----
0103 CORN-----	2,783,203	13,917	1,949,179	1,300	2,759	739,080	77,068
0104 OATS-----	57,785	-----	-----	-----	-----	67,785	-----
0106 SORGHUM GRAINS-----	51,425	-----	49,925	-----	-----	-----	1,500
0107 WHEAT-----	1,502,137	106,944	611,209	-----	-----	681,271	102,713
0111 SOYBEANS-----	2,340,500	230,079	1,502,508	-----	46,616	166,739	394,558
0119 OILSEEDS, NEC-----	3,784	-----	3,784	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	15,992	15,992	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	112,879	58,233	-----	-----	-----	52,369	2,477
1051 ALUMINUM ORES, CONCENTRATES-----	10,881	4,769	-----	-----	-----	12,712	1,400
1051 MANGANESE ORES, CONCENTRATES-----	436,002	281,758	10,068	-----	18,691	68,387	57,098
1091 NONFERROUS ORES, CONCENT, NEC-----	399,605	166,230	55,041	-----	900	152,710	4,924
1121 COAL AND LIGNITE-----	85,194,498	19,514,035	27,034,527	20,526,403	9,368,474	3,774,755	4,976,304
1311 CRUDE PETROLEUM-----	561,979	284,866	64,636	141,458	63,805	7,214	-----
1411 LIMESTONE-----	1,953,744	513,723	91,575	727,425	608,659	-----	12,362
1442 SAND, GRAVEL, CRUSHED ROCK-----	15,402,897	407,300	4,600,653	2,668,767	5,325,310	16,926	2,383,941
1451 CLAY-----	46,318	21,464	3,572	-----	-----	17,150	4,132
1471 PHOSPHATE ROCK-----	10,491	10,491	-----	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	74,262	63,745	-----	-----	-----	10,477	-----
1499 NONMETALLIC MINERALS, NEC-----	2,097,101	988,176	21,264	11,268	-----	1,075,022	1,371
2014 TALLOW, ANIMAL FATS AND OILS-----	32,713	-----	24,021	-----	-----	-----	8,692
2041 WHEAT FLOUR AND SEMOLINA-----	109,834	57,378	-----	13,156	-----	39,350	-----
2042 PREPARED ANIMAL FEEDS-----	455,160	4,632	316,794	-----	-----	61,049	72,685
2049 GRAIN MILL PRODUCTS, NEC-----	1,551,149	16,529	1,073,233	-----	2,698	174,473	284,116
2061 SUGAR-----	17,790	11,790	-----	-----	-----	4,887	1,400
2062 MOLASSES-----	46,634	25,708	5,606	-----	-----	5,568	9,752
2071 VEGETABLE OILS, MARG, SHORT-----	171,398	38,290	200,999	28,748	-----	2,817	100,544
2211 BASIC TEXTILE PRODUCTS-----	1,266	1,266	-----	-----	-----	-----	-----
2411 LOGS-----	83,807	1,643	68,749	-----	707	441	12,267
2415 PULPWOOD, LOGS-----	3,589	-----	2,410	-----	-----	-----	1,179
2416 WOOD CHIPS, STAVES, HOLDINGS-----	2,695	-----	-----	-----	-----	568	2,327
2421 LUMBER-----	5,366	1,490	574	-----	-----	3,322	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	979	-----	-----	-----	-----	979	-----
2621 STANDARD GRAPHS, PAPER-----	6,908	-----	-----	-----	-----	-----	6,908
2631 PAPER AND PAPERBOARD-----	14,275	3,014	1,732	-----	700	3,614	5,215
2691 PULP AND PAPER PRODUCTS, NEC-----	1,449	-----	-----	-----	-----	-----	1,449
2811 SYNTHETIC HYDROCARBONS-----	450,711	194,892	21,758	3,678	25,697	72,372	132,314
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	596,908	148,293	167,003	19,126	107,716	42,552	112,718
2813 ALCOHOLS-----	724,441	298,006	5,144	23,999	-----	391,099	5,293
2817 BENZINE AND TURPENE-----	401,142	219,206	88,617	9,937	22,224	5,248	55,916
2818 SULPHURIC ACID-----	149,861	26,354	12,658	26,960	5,550	73,539	4,800
2819 BASIC CHEMICALS AND PROD, NEC-----	7,402,794	3,564,604	1,373,665	7,874	8,805	2,216,416	231,030
2821 PLASTIC MATERIALS, NEC-----	71,030	59,671	7,189	-----	-----	4,170	-----
2822 SYNTHETIC RUBBER-----	4,187	4,187	-----	-----	-----	-----	-----
2861 GUM AND GUM CHEMICALS-----	1,327	-----	-----	-----	-----	-----	1,327
2871 NITROGENOUS CHEM FERTILIZERS-----	491,378	512,709	48,891	8,674	6,949	27,877	86,278
2872 POTASSIC CHEM FERTILIZERS-----	25,961	-----	-----	-----	-----	25,961	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	65,601	58,367	2,573	-----	3,232	1,429	-----
2879 FERTILIZER AND MATERIALS, NEC-----	791,615	510,993	1,477	4,417	-----	191,052	83,676
2891 MISCELLANEOUS CHEMICAL PROD-----	134,620	52,424	54,100	-----	600	27,496	-----

## OHIO RIVER DIVISION

29

OHIO RIVER--CONTINUED  
FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH	
						UPBOUND	DOWNBOUND
2911 GASOLINE-----	8,366,722	1,416,330	1,705,112	1,626,848	2,282,777	932,471	103,184
2912 JET FUEL-----	1,153,227	214,061	203,818	269,871	428,574	16,903	-----
2913 KEROSENE-----	169,346	37,501	24,808	35,929	59,757	12,251	-----
2914 DISTILLATE FUEL OIL-----	4,476,412	975,218	1,115,295	1,010,733	982,927	382,984	9,255
2915 RESIDUAL FUEL OIL-----	3,047,414	936,388	1,300,196	287,453	80,840	262,086	180,451
2916 LUBRICATING OILS AND GREASES-----	819,010	342,218	158,845	7,613	3,855	218,262	88,217
2917 NAPHTHA, PETROLEUM SOLVENTS-----	391,322	227,547	41,408	9,766	5,320	98,519	8,762
2918 ASPHALT, TAR, AND PITCHES-----	1,322,827	420,585	247,105	26,502	74,875	395,672	158,088
2920 COKE, PETROLEUM COKE-----	891,595	227,446	206,256	-----	10,089	228,679	209,125
2921 LIQUEFIED GASES-----	18,020	-----	-----	-----	-----	-----	18,020
2991 PETROLEUM AND COAL PROD, NEC-----	17,324	3,323	2,704	-----	-----	11,297	-----
3211 GLASS AND GLASS PRODUCTS-----	9,934	-----	8,264	-----	-----	-----	1,670
3241 BUILDING CEMENT-----	745,579	153,484	634,281	58,522	18,888	80,404	-----
3251 STRUCTURAL CLAY PRODUCTS-----	32,697	1,475	17,557	-----	845	3,039	9,781
3271 LIME-----	931,389	109,127	146,137	662,990	-----	-----	13,135
3311 PIG IRON-----	46,985	2,944	1,671	-----	34,967	2,002	5,401
3312 SLAG-----	364,562	8,479	261,492	37,629	36,437	-----	20,525
3314 IRON AND STEEL PRIMARY FORMS-----	419,957	210,853	138,929	35,995	9,829	16,717	7,634
3315 IRON, STEEL SHAPES, EXC SHEET-----	394,212	123,049	118,675	2,918	8,349	117,319	29,902
3316 IRON AND STEEL PLATES, SHEETS-----	1,001,488	303,637	341,515	3,884	96,067	145,571	110,814
3317 IRON AND STEEL PIPE AND TUBE-----	462,750	30,867	187,919	-----	7,369	6,209	230,386
3318 FERROALLOYS-----	573,463	327,252	50,796	2,808	4,201	123,073	65,333
3319 IRON AND STEEL PRODUCTS, NEC-----	310,396	81,246	128,011	600	7,226	89,602	23,671
3321 NONFERROUS METALS, NEC-----	4,071	2,212	-----	-----	-----	763	1,096
3322 COPPER ALLOYS, UNWORKED-----	1,060	-----	-----	-----	1,060	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	13,857	1,472	3,897	-----	-----	7,467	1,021
3324 ALUMINUM AND ALLOYS, UNWORKED-----	44,845	30,906	4,255	-----	-----	5,561	4,123
3411 FABRICATED METAL PRODUCTS-----	64,634	6,417	35,157	528	4,297	7,682	10,553
3511 MACHINERY, EXCEPT ELECTRICAL-----	59,261	9,608	22,290	470	22,508	10,937	3,448
3611 ELECTRICAL MACH AND EQUIP-----	113,155	1,800	-----	-----	710	91,429	19,216
3711 MOTOR VEHICLES, PARTS, EQUIP-----	552	652	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	30,242	6,171	-----	-----	-----	3,202	20,869
3911 MISC MANUFACTURED PRODUCTS-----	127	27	-----	-----	-----	100	-----
4011 IRON AND STEEL SCRAP-----	727,227	71,183	317,970	38,494	6,050	116,570	176,960
4012 NONFERROUS METAL SCRAP-----	9,024	-----	3,362	-----	-----	1,132	4,530
4029 WASTE AND SCRAP, NEC-----	952	-----	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	5,781	631	-----	175	175	4,800	-----
4118 WATERWAY IMPROVEMENT MAT-----	1,733,869	-----	24,045	-----	-----	-----	1,709,824

TON-MILES, INTERNAL, 38,704,564,475.

TONS, ALL TRAFFIC, 155,905,719.  
TON-MILES, ALL TRAFFIC, 38,713,851,553.OTHER PORTS ON OHIO RIVER  
(INCLUDED IN TRAFFIC OF OHIO RIVER)

## COMPARATIVE STATEMENT OF TRAFFIC

(SHORT TONS)

YEAR	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.	YEAR	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
1971-----	23,099,992	9,769,337	9,690,213	3,497,132	1976-----	15,930,959	10,581,359	9,207,886	4,550,551
1972-----	21,147,502	9,252,158	9,487,006	3,496,967	1977-----	17,126,956	10,355,854	9,006,440	3,677,285
1973-----	16,657,267	8,234,879	9,148,567	3,235,393	1978-----	16,656,352	11,907,971	8,838,067	3,533,382
1974-----	12,020,612	8,533,459	8,172,141	3,562,966	1979-----	16,502,610	12,010,905	9,537,268	4,256,382
1975-----	13,625,926	9,437,973	8,290,993	3,684,005	1980-----	19,226,875	10,833,215	7,694,745	4,013,027

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
TOTAL, ALL TRAFFIC-----	19,226,875	10,833,215	7,694,745	4,013,027
COASTWISE RECEIPTS-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	-----	1,345	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	-----	1,346	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	-----	-----	1,700	710
TOTAL-----	-----	2,711	1,700	710
INTERNAL RECEIPTS-----	-----	-----	-----	-----
1102 BARLEY AND RYE-----	-----	-----	14,832	-----
1103 CORN-----	-----	1,100	-----	-----
1107 WHEAT-----	-----	-----	-----	108,944
0931 MARINE SHELLS, UNMANUFACTURED-----	-----	-----	15,992	-----
1011 IRON ORE AND CONCENTRATES-----	-----	57,010	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	-----	3,112	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	2,581	-----	-----	-----
1121 COAL AND LIGNITE-----	9,817	3,211,025	974,657	-----
1311 CRUDE PETROLEUM-----	4,154	-----	-----	241,927

OTHER PORTS ON OHIO RIVER  
(INCLUDED IN TRAFFIC OF OHIO RIVER)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	HUNTINGTON, W. VA.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
INTERNAL RECEIPTS--CONTINUED				
1411 LIMESTONE	14,486			
1442 SAND, GRAVEL, CRUSHED ROCK	474,804	23,295	1,468,278	
1471 PHOSPHATE ROCK		10,491		
1493 SULPHUR, LIQUID		19,472		
1499 NONMETALLIC MINERALS, NEC	9,877	379,537	169,375	28,212
2041 WHEAT FLOUR AND SEMOLINA		65,186		3,868
2061 SUGAR		8,468	3,035	
2062 MOLASSES		1,370	1,538	
2091 VEGETABLE OILS, MARG, SHORT		65,358		
2411 LOGS				1,212
2631 PAPER AND PAPERBOARD		2,432		
2810 SODIUM HYDROXIDE		164,007	30,141	
2811 CRUDE TAR, OIL, GAS PRODUCTS		9,004	6,246	30,074
2813 ALCOHOLS		163,231	29,491	
2817 BENZENE AND OLUENE		5,844	19,325	
2818 SULPHURIC ACID		750		
2819 BASIC CHEMICALS AND PROD, NEC		326,484	209,310	62,627
2821 PLASTIC MATERIALS		3,400		
2871 NITROGENOUS CHEM FERTILIZERS		353,296	46,593	11,648
2873 PHOSPHATIC CHEM FERTILIZERS		24,558		10,623
2879 FERTILIZER AND MATERIALS, NEC		332,078	34,147	20,660
2891 MISCELLANEOUS CHEMICAL PROD		7,453	1,200	
2911 GASOLINE	105,124	814,542	1,881,008	74,694
2912 JET FUEL	4,506	293,048	168,731	
2913 KEROSENE	300	17,938	33,868	31,794
2914 DISTILLATE FUEL OIL	41,356	447,348	732,862	24,420
2915 RESIDUAL FUEL OIL	1,431	423,804	28,084	106,049
2916 LUBRICATING OILS AND GREASES	13,284	103,008	19,933	10,238
2917 NAPHTHA, PETROLEUM SOLVENTS	20,819	28,059	35,657	
2918 ASPHALT, TAR, AND BITUMENS		224,989	124,459	
2920 COKE, PETROLEUM COKE	1,150	9,949	1,427	
2991 PETROLEUM AND COAL PROD, NEC			3,323	
3241 BUILDING CEMENT		153,484	3,878	
3271 LIME	3,028			
3311 PIG IRON		2,576		
3314 IRON AND STEEL PRIMARY FORMS		10,445	7,545	552
3315 IRON, STEEL SHAPES, EXC SHEET		54,681	43,753	
3316 IRON AND STEEL PLATES, SHEETS	299	91,604	249,429	1,251
3317 IRON AND STEEL PIPE AND TUBE		3,321	2,087	553
3319 IRON AND STEEL PRODUCTS, NEC		12,212	44,670	108
3322 COPPER ALLOYS, UNWORKED		1,060		
3324 ALUMINUM AND ALLOYS, UNWORKED		474	600	
3411 FABRICATED METAL PRODUCTS		137	7,119	200
3511 MACHINERY, EXCEPT ELECTRICAL		324	779	1,089
3611 ELECTRICAL MACH AND EQUIP		287		1,115
3711 MOTOR VEHICLES, PARTS, EQUIP			582	
3731 SHIPS AND BOATS			6,171	
4011 IRON AND STEEL SCRAP	4,311	6,501	1,923	
4112 COMMODITIES, NEC	631	631	175	
TOTAL	717,425	7,858,398	6,414,411	769,858
INTERNAL SHIPMENTS				
0103 CORN		516,642	81,463	248,876
0106 SORGHUM GRAINS				4,659
0107 WHEAT		82,949	25,086	146,814
0111 SOYBEANS	1,300	426,288	17,480	316,346
0119 OILSEEDS, NEC				3,784
1121 COAL AND LIGNITE	13,178,440	13,957	399,736	
1311 CRUDE PETROLEUM			1,814	12,794
1411 LIMESTONE	18,547			
1442 SAND, GRAVEL, CRUSHED ROCK	3,416		3,683	
1499 NONMETALLIC MINERALS, NEC			1,322	
2041 WHEAT FLOUR AND SEMOLINA				11,726
2042 PREPARED ANIMAL FEEDS		136,474		39,362
2049 GRAIN MILL PRODUCTS, NEC		10,226	5,686	66,104
2091 VEGETABLE OILS, MARG, SHORT		22,650		
2411 LOGS		17,666		4,427
2415 PULPWOOD, LOGS		2,410		
2631 PAPER AND PAPERBOARD		1,732		
2811 CRUDE TAR, OIL, GAS PRODUCTS	16,114	8,757		
2817 BENZENE AND OLUENE	28,180	41,925		
2819 BASIC CHEMICALS AND PROD, NEC	7,000		4,907	2,600
2821 PLASTIC MATERIALS			5,883	
2871 NITROGENOUS CHEM FERTILIZERS		21,922	1,000	
2911 GASOLINE	3,597,526	646,135	54,347	1,082,838
2912 JET FUEL	604,555	70,361	29,342	187,495
2913 KEROSENE	93,871	14,921	435	2,213
2914 DISTILLATE FUEL OIL	1,187,141	321,826	130,653	790,765
2915 RESIDUAL FUEL OIL	27,461	123,030	304,119	309,052
2916 LUBRICATING OILS AND GREASES	78,689			3,161
2917 NAPHTHA, PETROLEUM SOLVENTS	11,645		5,284	1,153
2918 ASPHALT, TAR, AND BITUMENS	5,097	125,008	2,419	
2920 COKE, PETROLEUM COKE		41,862		
3271 LIME	1,510			
3312 SLAG		34,490		
3314 IRON AND STEEL PRIMARY FORMS	69,885	600		1,148
3315 IRON, STEEL SHAPES, EXC SHEET		941	3,147	
3316 IRON AND STEEL PLATES, SHEETS		20,109	3,039	
3319 IRON AND STEEL PRODUCTS, NEC		37,316		85
3411 FABRICATED METAL PRODUCTS		1,400		235

## OHIO RIVER DIVISION

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OTHER PORTS ON OHIO RIVER  
(INCLUDED IN TRAFFIC OF OHIO RIVER)--CONTINUED  
FREIGHT TRAFFIC, 1960--CONTINUED  
(SHORT TONS)

COMMODITY	WASHINGTON, D. C.	CINCINNATI, OHIO	LOUISVILLE, KY.	MOUNT VERNON, IND.
INTERNAL SHIPMENTS--CONTINUED				
3511 MACHINERY, EXCEPT ELECTRICAL			59	360
4011 IRON AND STEEL SCRAP	2,673	155,168	104,912	
4012 NONFERROUS METAL SCRAP				751
4112 COMMODITIES, NEC			175	
TOTAL	18,424,056	2,894,925	1,184,941	3,236,748
LOCAL				
1121 COAL AND LIGNITE	3,026	9,592	41,420	
1442 SAND, GRAVEL, CRUSHED ROCK				1,430
2041 WHEAT FLOUR AND SEMOLINA		6,530		
2871 NITROGENOUS CHEM FERTILIZERS				3,571
2911 GASOLINE	69,567	25,214	34,157	
2912 JET FUEL	459		2,230	
2914 DISTILLATE FUEL OIL	10,942	17,953	15,916	
2915 RESIDUAL FUEL OIL		16,395		710
3611 ELECTRICAL MACH AND EQUIP				
TOTAL	83,394	75,182	97,653	5,711

## OHIO RIVER SYSTEM

SECTION INCLUDED: MAIN CHANNELS AND ALL TRIBUTARIES OF THE OHIO, MONONGAHELA, TENNESSEE AND CUMBERLAND RIVERS.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	*	1976	178,071,413
1972	174,578,922	1977	178,636,151
1973	168,780,387	1978	177,582,963
1974	170,157,610	1979	194,777,489
1975	171,422,275	1980	179,321,958

\* NOT COMPILED PRIOR TO 1972.

## INTERNAL AND LOCAL TRAFFIC, BY COMMODITY, CALENDAR YEAR 1980

(SHORT TONS)

COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)	COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)
0102 BARLEY AND RYE	14,832	2972 POTASSIUM CHEM FERTILIZERS	25,961
0103 CORN	2,815,190	2873 PHOSPHATIC CHEM FERTILIZERS	65,501
0104 OATS	67,785	2879 FERTILIZER AND MATERIALS, NEC	706,166
0106 SORGHUM GRAINS	51,425	2891 MISCELLANEOUS CHEMICAL PROD	246,627
0107 WHEAT	1,506,907	2911 GASOLINE	8,122,845
0111 SOYBEANS	2,373,406	2912 JET FUEL	1,153,227
0119 OLSEEDS, NEC	3,784	2913 KEROSENE	170,718
0931 MARINE SHELLS, UNMANUFACTURED	15,992	2914 DISTILLATE FUEL OIL	4,621,195
1011 IRON ORE AND CONCENTRATES	114,083	2915 RESIDUAL FUEL OIL	3,046,964
1051 ALUMINUM ORES, CONCENTRATES	16,841	2916 LUBRICATING OILS AND GREASES	819,010
1061 MANGANESE ORES, CONCENTRATES	437,423	2917 NAPHTHA, PETROLEUM SOLVENTS	391,322
1091 NONFERROUS ORES, CONCENTRATES	472,313	2918 ASPHALT, TAR, AND BITUMENS	1,322,827
1121 COAL AND LIGNITE	1,372,368	2920 COKE, PETROLEUM COKE	881,595
1311 CRUDE PETROLEUM	561,979	2921 LIQUEFIED GASES	18,020
1411 LIME	2,673,429	2991 PETROLEUM AND COAL PROD, NEC	17,324
1442 SAND, GRAVEL, CRUSHED ROCK	18,076,324	3211 GLASS AND GLASS PRODUCTS	9,934
1451 CLAY	46,318	3241 BUILDING CEMENT	945,579
1471 PHOSPHATE ROCK	10,491	3251 STRUCTURAL CLAY PRODUCTS	33,297
1493 SULPHUR, LIQUID	74,262	3271 LIME	931,369
1499 NONMETALLIC MINERALS, NEC	2,103,201	3291 MISCELLANEOUS MINERAL PROD	8,212
2014 FATTY ACID, ANIMAL FATS AND OILS	32,713	3311 PIG IRON	46,985
2041 WHEAT FLOUR AND SEMOLINA	109,834	3312 SLAG	164,562
2042 PREPARED ANIMAL FEEDS	455,160	3314 IRON AND STEEL PRIMARY FORMS	421,307
2049 GRAIN MILL PRODUCTS, NEC	1,592,574	3315 IRON, STEEL SHAPES, EXC SHEET	394,609
2061 SUGAR	17,790	3316 IRON AND STEEL PLATES, SHEETS	1,002,432
2062 MOLASSES	47,934	3317 IRON AND STEEL PIPE AND TUBE	462,825
2071 VEGETABLE OILS, MARK, SHORT	371,348	3318 FERROALLOYS	573,463
2211 BASIC TEXTILE PRODUCTS	1,266	3319 IRON AND STEEL PRODUCTS, NEC	310,491
2411 LOGS	44,027	3321 NONFERROUS METALS, NEC	4,071
2415 PULPWOOD, LOGS	513,908	3322 COPPER ALLOYS, WORKED	1,060
2416 WOOD CHIPS, STAVES, HOLDINGS	2,495	3323 LEAD AND ZINC, UNWORKED	13,957
2421 LUMBER	65,942	3324 ALUMINUM AND ALLOYS, UNWORKED	44,845
2431 VENEER, PLYWOOD, WORKED WOOD	979	3411 FABRICATED METAL PRODUCTS	65,004
2491 WOOD MANUFACTURES, NEC	75	3511 MACHINERY, EXCEPT ELECTRICAL	72,123
2611 PULP	68,311	3611 ELECTRICAL MACH AND EQUIP	115,863
2621 STANDARD NEWSPRINT PAPER	6,908	3711 MOTOR VEHICLES, PARTS, EQUIP	652
2631 PAPER AND PAPERBOARD	134,286	3731 SHIPS AND BOATS	37,442
2691 PULP AND PAPER PRODUCTS, NEC	1,449	3791 MISC TRANSPORTATION EQUIPMENT	1,833
2810 SODIUM HYPOCHLORIDE	499,336	3911 MISC MANUFACTURED PRODUCTS	302
2811 CHLORINE, LIQ, GAS PRODUCTS	526,908	4011 IRON AND STEEL SCRAP	727,861
2813 ALCOHOLS	726,775	4012 NONFERROUS METAL SCRAP	9,724
2817 BENZENE AND TOLUENE	411,142	4029 WASTE AND SCRAP, NEC	952
2911 SULPHURIC ACID	157,444	4112 COMMODITIES, NEC	5,781



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

OHIO RIVER SYSTEM--CONTINUED  
 INTERNAL AND LOCAL TRAFFIC, BY COMMODITY, CALENDAR YEAR 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)	COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)
2819 BASIC CHEMICALS AND PROD, NEC-----	7,574,226	4118 WATERWAY IMPROVEMENT MAT-----	1,735,469
2821 PLASTIC MATERIALS-----	71,030		
2822 SYNTHETIC RUBBER-----	4,187	TOTAL SHORT TONS-----	179,321,958
2861 GUM AND WOOD CHEMICALS-----	2,829		
2871 NITROGENOUS CHEM FERTILIZERS-----	703,960	TOTAL TON-MILES, 48,091,487,600	

# GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER

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GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND  
THE MEXICAN BORDER (CONSOLIDATED REPORT)

SECTION INCLUDED: ST. MARKS RIVER, FLA., TO BROWNSVILLE, TEX., 1108.9 MILES, FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF  
INDIVIDUAL STRETCHES LISTED SEPARATELY.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	105,975,450	1976-----	99,085,379
1972-----	108,999,010	1977-----	104,934,179
1973-----	100,767,257	1978-----	102,332,582
1974-----	103,076,142	1979-----	97,272,038
1975-----	96,950,849	1980-----	94,512,197

• PASSENGERS--102,976.

## FREIGHT TRAFFIC, 1980

### OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE			
		RECEIPTS	SHIPMENTS	THROUGH	
				EASTBOUND	WESTBOUND
TOTAL-----	436,625	1,846	27,209	190,381	217,189
0103 CORN-----	2,637			2,637	
0107 WHEAT-----	11,548			11,548	
1091 NONFERROUS ORES, CONCENT, NEC-----	4,983			4,983	
1471 PHOSPHATE ROCK-----	186,775				186,775
1479 NATURAL FERTILIZER MATS, NEC-----	22,800			22,800	
1499 NONMETALLIC MINERALS, NEC-----	40,977		26,609	14,368	
2042 PREPARED ANIMAL FEEDS-----	5,302				5,302
2049 GRAIN MILL PRODUCTS, NEC-----	1,173			1,173	
2810 SODIUM HYDROXIDE-----	89,586			89,586	
2813 ALCOHOLS-----	9,794			9,794	
2871 NITROGENOUS CHEM FERTILIZERS-----	5,571				5,571
2879 FERTILIZER AND MATERIALS, NEC-----	14,794			3,935	10,819
2914 DISTILLATE FUEL OIL-----	60				60
2915 RESIDUAL FUEL OIL-----	11,002			11,002	
2921 LIQUEFIED GASES-----	3,110			3,110	
3241 BUILDING CEMENT-----	1,212			1,212	
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,007				1,007
3316 IRON AND STEEL PLATES, SHEETS-----	6,455			8,385	70
3317 IRON AND STEEL PIPE AND TUBE-----	1,400	700			700
3321 NONFERROUS METALS, NEC-----	1,250			1,250	
3411 FABRICATED METAL PRODUCTS-----	758			638	120
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,665		600	2,965	1,100
3611 ELECTRICAL MACH AND EQUIP-----	5,830	1,060			4,770
3751 SHIPS AND BOATS-----	1,776	66		795	895
3791 MISC TRANSPORTATION EQUIPMENT-----	200			200	
TON-MILES, OCEANGOING, 164,254,305.					

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	THROUGH		WESTBOUND	THROUGH		WESTBOUND
			EASTBOUND	WESTBOUND		EASTBOUND	WESTBOUND	
TOTAL-----	94,075,572	494,074	5,263,857	10,026,445	37,005,044	668,861	6,766,309	8,957,744
0101 COTTON, RAW-----	1,521			1,521				
0103 CORN-----	477,616			1,937	45,522		1,600	23,557
0105 RICE-----	61,837			7,340	26,486		9,895	17,906
0106 SORGHUM GRAINS-----	15,347				12,072			3,275
0107 WHEAT-----	56,651				39,387			19,264
0111 SOYBEANS-----	448,189			5,241	345,433			97,515
0119 OILSEEDS, NEC-----	40,473			1,511	879		3,000	35,123
0122 HAY AND FODDER-----	1,431			1,431				
0133 COFFEE-----	983				721			262
0161 ANIMALS AND PRODUCTS, NEC-----	11,929				1,546			10,383
0191 MISCELLANEOUS FARM PRODUCTS-----	156				156			
0841 CRUDE RUBBER AND ALLIED GUMS-----	226							226
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,642				47		238	14
0912 SHELLFISH, EXCEPT PREPARED-----	4,397						185	
0931 MARINE SHIP, UNMANUFACTURED-----	2,930,775	1,12,275	1,12,275	8,33,103	579,225	57,311	1,842,795	1,350,589
1011 IRON ORE AND CONCENTRATES-----	122,621			1,527	37,132			4,469
1031 ALUMINUM ORES, CONCENTRATES-----	178,587			2,921	1,463		2,348	88,555
1061 MANGANESE ORES, CONCENTRATES-----	62,895			1,400	1,606		5,622	51,267
1091 NONFERROUS ORES, CONCENT, NEC-----	71,374			11,942	11,424		11,504	34,431
1121 COAL AND LIGNITE-----	5,266,342			41,486	7,147,227		32,102	94,147
1311 CRUDE PETROLEUM-----	17,457,776	221,948	743,860	2,343,244	1,179,445	363,461	939,533	5,342,130
1411 LIMESTONE-----	574,424			14,562	26,741		1,429	667,442
1412 BUILDING STONE, QUARRIED-----	7,225	7,225						
1442 SAND, GRAVEL, CRUSHED ROCK-----	6,449,535			403,681	4,678	1,310,511	4	295,917
1451 CLAY-----	664,974	1,846	51,170	36,154	91,114	606	76,134	13,786
1471 PHOSPHATE ROCK-----	1,487							
1493 SULPHUR, LIQUID-----	611,997			42,166	385,953	26,830	5,270	151,761
1499 NONMETALLIC MINERALS, NEC-----	4,246,097			1,731	2,574,041	1,62,431	57,510	265
1911 ORDNANCE AND ACCESSORIES-----	1,039							1,039
2012 MEAT AND PRODUCTS, NEC-----	2,794				2,765			29

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA. AND  
THE MEXICAN BORDER (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	WESTBOUND	INBOUND WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
2014 YALLOW, ANIMAL FATS AND OILS--	28,133		1,652	13,672	1,500		10,088		1,221
2022 DRIED MILK AND CREAM--	1,132								1,132
2034 VEGETABLES AND PREP, NEC--	5,269					5,269			
2039 PREP FRUIT AND VEG JUICE, NEC--	1,820			1,820					
2041 WHEAT FLOUR AND SEMOLINA--	36,203			3,564		15,505	6,029		11,105
2042 PREPARED ANIMAL FEEDS--	105,446		177	6,968	59,599	1,771	12,060	302	24,571
2049 GRAIN MILL PRODUCTS, NEC--	74,845			4,188	11,057		6,861		52,741
2061 SUGAR--	165,961				164,947			1,014	
2062 MOLASSES--	48,542				19,484				29,058
2091 VEGETABLE OILS, MARG, SHORT--	27,513			10,104	6,152		1,400		7,857
2092 ANIMAL OILS AND FATS, NEC--	49,466			1,165	35,470				12,831
2094 GROCERIES--	4,491		1,753		16			2,721	
2095 ICE--	5,096			2,392			1	2,703	
2099 MISCELLANEOUS FOOD PRODUCTS--	17,549			369			4,564		13,116
2211 BASIC TEXTILE PRODUCTS--	2,089				496		152		1,441
2212 TEXTILE FIBERS, NEC--	5,417			295	280		2,324		2,518
2311 APPAREL--	37								37
2411 LOGS--	1,212								1,212
2414 TIMBER, POSTS, POLES, PILING--	11,284	10		125	533		567	8,646	1,403
2415 PULWOOD, LOG--	115,985				33,688				82,297
2421 LUMBER--	11,401			1,465	3,750	10		104	6,052
2431 VENEER, PLYWOOD, WORKED WOOD--	699				59				640
2491 WOOD MANUFACTURES, NEC--	842		13	376	232		68	35	118
2511 FURNITURE AND FIXTURES--	305						305		
2611 PULP--	46,292				1,211				45,082
2621 STANDARD NEWSPRINT PAPER--	5,961				243				5,718
2631 PAPER AND PAPERBOARD--	120,673				14,501		5,374		100,798
2691 PULP AND PAPER PRODUCTS, NEC--	6,676		29	35	364				6,250
2711 PRINTED MATTER--	15		15						
2810 SODIUM HYDROXIDE--	1,722,566		8,331		965,264		4,355		744,616
2811 CRUDE TAR, OIL, GAS PRODUCTS--	700,159			3,509	384,787		1,948	681	309,234
2813 ALCOHOLS--	1,267,025		7,389	14,839	963,485		5,652	2,886	272,774
2817 BENZENE AND TOLUENE--	1,677,054		18,802	35,212	885,753	2,896	11,292	48,514	674,585
2818 SULFURIC ACID--	514,302				43,777		1,776		468,749
2819 BASIC CHEMICALS AND PROD, NEC--	7,296,892	10	23,157	819,258	4,556,633		146,602	117,230	1,640,002
2821 PLASTIC MATERIALS--	136,959				105,568	869	1,989		22,553
2822 SYNTHETIC RUBBER--	46,506				41,821		2,799		1,886
2851 PAINTS--	21		21						
2861 GUM AND WOOD CHEMICALS--	1,448								1,448
2871 NITROGENOUS CHEM FERTILIZERS--	479,267				135,633		88,450		254,984
2872 POTASSIC CHEM FERTILIZERS--	293,913			5,965	287,948				
2873 PHOSPHATIC CHEM FERTILIZERS--	56,898				10,866				46,032
2876 INSECTICIDES, DISINFECTANTS--	110				110				
2879 FERTILIZER AND MATERIALS, NEC--	750,472			3,279	224,758		19,197		503,198
2891 MISCELLANEOUS CHEMICAL PROD--	99,212				72,033			118	27,061
2911 GASOLINE--	7,423,076	27,352	439,355	437,913	3,642,756	21,875	496,309	173,072	1,984,444
2912 JET FUEL--	1,248,578	10,600	490,561	69,753	497,488		9,900	3,129	166,947
2913 KEROSENE--	537,597		8,593	188,474	100,498			18,652	221,380
2914 DISTILLATE FUEL OIL--	4,623,679	79,122	97,655	308,177	1,550,193	20,890	505,272	212,264	1,850,106
2915 RESIDUAL FUEL OIL--	12,228,646	27,141	399,729	958,430	6,238,091	53,677	647,591	895,141	3,069,046
2916 LUBRICATING OILS AND GREASES--	1,423,447	2,875	37,564	110,405	994,716	3,102	23,543	9,387	241,855
2917 NAPHTHA, PETROLEUM SOLVENTS--	2,912,276	4,800	27,152	103,711	1,576,505		30,539	111,744	1,057,825
2918 ASPHALT, TAR, AND BITUMENS--	426,445			9,037	307,870		23,836		85,702
2920 COKE, PETROLEUM COKE--	1,193,001	4,495	5,908	661,642	267,567		1,317	82,400	169,672
2921 LIQUEFIED GASES--	521,147				329,140				192,007
2991 PETROLEUM AND OIL PROD, NEC--	284,118		11,480	8,000	86,347		6,524	12,442	165,325
3211 GLASS AND GLASS PRODUCTS--	1,557								1,557
3241 BUILDING CEMENT--	556,946	1,038	21,831	18,988	137,345	5,495	73,419	41,645	257,208
3291 STRUCTURAL CLAY PRODUCTS--	11,107			125	4,625				6,357
3271 LIME--	4,286			39					4,250
3291 CUT STONE AND STONE PRODUCTS--	1				10				
3291 MISC NONMETALLIC MINERAL PROD--	121,694		47,986	1,675	26,458		12,798		32,775
3311 PIG IRON--	13,358			5,812	4,550		1,376		1,620
3312 SLAG--	9,081								9,081
3314 IRON AND STEEL PRIMARY FORMS--	263,427		1,200	19,812	38,744	687	51,174		151,810
3315 IRON, STEEL SHAPES, ETC SHEET--	197,633		15,574	6,125	62,202	702	15,470		66,677
3316 IRON AND STEEL PLATES, SHEETS--	744,869		60,324	31,592	160,986		56,674		435,299
3317 IRON AND STEEL PIPE AND TUBE--	900,449	265	87,825	41,180	89,642	2,222	190,331	169,702	359,882
3318 FERRALLOYS--	68,731			2,850	24,340		3,979		35,561
3319 IRON AND STEEL PRODUCTS, NEC--	346,694		43,469	2,438	74,184	864	59,311		160,408
3321 NONFERROUS METALS, NEC--	1,399				1,399				
3322 COPPER ALLOYS, UNWORKED--	1,121						1,103		
3323 LEAD AND ZINC, UNWORKED--	6,219			1,400	2,744				2,075
3324 ALUMINUM AND ALLOYS, UNWORKED--	19,425				16,456		698		2,274
3411 FABRICATED METAL PRODUCTS--	46,031	10	776	4,234	19,771		2,640	492	21,914
3411 MACHINERY, EXCEPT ELECTRICAL--	43,284	165	2,691	23,763	16,240	1,433	5,026	3,021	10,289
3411 ELECTRICAL MATH AND EQUIP--	111,683		15	430	90,153		51		21,034
3711 MOTOR VEHICLES, PARTS, EQUIP--	13,387			4,042	1,837	209	2,683		4,616
3731 SHIPS AND BOATS--	22,574			63	3,004		990	100	18,417
3791 MISC TRANSPORTATION EQUIP, NEC--	13,387	124			2,263				
3911 MISC MANUFACTURED PRODUCTS--	352,196	2,338	47,197	47,552	30,753	11,080	2,872	171,948	38,459
4111 IRON AND STEEL SCRAP--	1,219,452		1,775	27,708	9,445		128,501	12,083	1,039,850
4112 NONFERROUS METAL SCRAP--	3,871				435				3,365
4291 WASTE AND SCRAP, NEC--	1,012,415		494		21,106		741,842	8,308	240,665
4111 WASTE AND SCRAP, NEC--	598,521	215	1,397	163,267	14,901	8,580	1,639	303,868	74,633
4112 COMMODITIES, NEC--	121,203		7,168	30,243	31,630	271	9,881	29,418	12,392
4118 WATERWAY IMPROVEMENT MAT--	16,650				10,150		5,900		
4119 EMPTY CONTAINERS--	817				110		392		311

TON-MILES, INTERNAL, 16,347,976,700.

TONS, ALL TRAFFIC, 94,514,197.

TON-MILES, ALL TRAFFIC, 14,512,229,005.

AVERAGE MILE PER TON, 174.7 MILES.

# GULF INTRACOASTAL WATERWAY

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GULF INTRACOASTAL WATERWAY, APALACHEE BAY TO PANAMA CITY,  
FLA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: ST. MARKS RIVER TO ST. ANDREW BAY, FLA., 135 MILES. (SECTION BETWEEN ST. MARKS RIVER AND CARRABELLE, FLA.,  
INCOMPLETE; NECESSITATING USE OF OUTSIDE ROUTE.) CONTROLLING DEPTH: 11 FEET. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,084,204	1976-----	2,098,072
1972-----	2,149,452	1977-----	2,634,796
1973-----	2,010,338	1978-----	3,193,893
1974-----	1,863,591	1979-----	3,000,734
1975-----	1,701,721	1980-----	2,617,073

## FREIGHT TRAFFIC, 1980

### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	
		THROUGH		THROUGH	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL-----	2,617,073	217,590	143,373	154,946	1,768,858
0103 CORN-----	2,637	2,637			
0107 WHEAT-----	18,853	11,548			7,135
0111 SOYBEANS-----	35,452				35,452
0931 MARINE SHELLS, UNMANUFACTURED-----	10,679			10,679	
1091 NONFERROUS DRES, CONCENT, NEC-----	4,983	4,983			
1311 CRUDE PETROLEUM-----	618,326				607,915
1471 PHOSPHATE ROCK-----	112,365		112,365		10,111
1479 NATURAL FERTILIZER MATS, NEC-----	22,800	22,800			
1493 SULPHUR, LIQUID-----	2,652				2,652
1499 NONMETALLIC MINERALS, NEC-----	40,977	40,977			
2042 PREPARED ANIMAL FEEDS-----	4,050	4,050			
2049 GRAIN MILL PRODUCTS, NEC-----	1,173	1,173			
2431 VENEER, PLYWOOD, WORKED WOOD-----	337				337
2631 PAPER AND PAPERBOARD-----	11,563				11,563
2810 SODIUM HYDROXIDE-----	224,978	89,586		135,392	
2911 CRUDE TAR, OIL, GAS PRODUCTS-----	7,009			4,611	2,398
2913 ALCOHOLS-----	9,794	9,794			
2917 BENZENE AND TOLUENE-----	7,261				3,846
2918 SULPHURIC ACID-----	10,771				10,771
2919 BASIC CHEMICALS AND PROD, NEC-----	65,159				65,159
2921 PLASTIC MATERIALS-----	1,687				1,687
2971 NITROGENOUS CHEM FERTILIZERS-----	107,599	5,571		101,528	
2973 PHOSPHATIC CHEM FERTILIZERS-----	10,866			10,866	
2979 FERTILIZER AND MATERIALS, NEC-----	65,264	3,935	10,819	50,510	
2991 MISCELLANEOUS CHEMICAL PROD-----	1,320			1,320	
2911 GASOLINE-----	426,191			6,333	295,101
2912 JET FUEL-----	137,934			137,934	124,757
2914 DISTILLATE FUEL OIL-----	134,323	60			51,246
2915 RESIDUAL FUEL OIL-----	373,001	11,002			295,144
2916 LUBRICATING OILS AND GREASES-----	2,330				2,330
2917 NAPHTHA, PETROLEUM SOLVENTS-----	18,259				12,708
2918 ASPHALT, TAR, AND BITUMES-----	66,276				66,276
2921 LIQUEFIED GASES-----	40,269	3,110			37,159
3241 BUILDING CEMENT-----	1,212	1,212			
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,007	1,007			
3316 IRON AND STEEL PLATES, SHEETS-----	8,455	8,385			
3317 IRON AND STEEL PIPE AND TUBE-----	1,800	1,400			400
3321 NONFERROUS METALS, NEC-----	1,250	1,250			
3411 FABRICATED METAL PRODUCTS-----	758	538	120		
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,465	3,565	1,100		800
3611 ELECTRICAL MACH AND EQUIP-----	6,640		5,830		550
3731 SHIPS AND BOATS-----	8,362	795	981		6,586
3791 MISC TRANSPORTATION EQUIPMENT-----	200	200			
4029 WASTE AND SCRAP, NEC-----	15,776				15,776
TOTAL TON-MILES, 259,537,027.					
AVERAGE HAUL PER TON, 99.2 MILES.					

GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY,  
FLA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: WEST BAY TO PENSACOLA BAY, FLA., 110 MILES. CONTROLLING DEPTH: 10 FEET. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	4,630,497	1976-----	4,561,410
1972-----	4,469,075	1977-----	5,122,513
1973-----	4,427,047	1978-----	5,564,889
1974-----	4,186,422	1979-----	4,951,526
1975-----	4,379,380	1980-----	4,577,154

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY,  
FLA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE			INTERNAL			
		THROUGH		EASTBOUND	INBOUND	THROUGH	OUTBOUND	THROUGH
		EASTBOUND	WESTBOUND		EASTBOUND	EASTBOUND	WESTBOUND	WESTBOUND
TOTAL-----	4,677,378	211,866	141,666	4,266	1,455,880	2,248,194	1,138	614,368
0103 CORN-----	5,437	2,637						2,800
0107 WHEAT-----	21,672	11,548						10,124
0111 SOYBEANS-----	50,909							50,909
0119 OILSEEDS, NEC-----	31,036					408		30,628
0911 FRESH FISH, EXCEPT SHELLFISH-----	682				682			
0912 SHELLFISH, EXCEPT PREPARED-----	340				340			
0931 MARINE SHELLS, UNMANUFACTURED-----	71,352				53,152	18,200		
1091 NONFERROUS ORES, CONCENT, NEC-----	4,983	4,983						
1121 COAL AND LIGNITE-----	893,896				893,896			
1311 CRUDE PETROLEUM-----	113,192					101,494		11,698
1442 SAND, GRAVEL, CRUSHED ROCK-----	43,864				43,864			
1451 CLAY-----	54,118							54,118
1471 PHOSPHATE ROCK-----	112,365		112,365					
1479 NATURAL FERTILIZER MATS, NEC-----	22,800	22,800						
1493 SULPHUR, LIQUID-----	2,652							2,652
1499 NONMETALLIC MINERALS, NEC-----	42,097	40,977				1,120		
2042 PREPARED ANIMAL FEEDS-----	4,050		4,050					
2049 GRAIN MILL PRODUCTS, NEC-----	1,173	1,173						
2099 MISCELLANEOUS FOOD PRODUCTS-----	7,730							7,730
2431 VENEER, PLYWOOD, WORKED WOOD-----	307							307
2611 PULP-----	31,281							31,281
2631 PAPER AND PAPERBOARD-----	87,623							87,623
2691 PULP AND PAPER PRODUCTS, NEC-----	4,801							4,801
2810 SODIUM HYDROXIDE-----	224,978	89,586				135,392		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	11,242					9,109		2,133
2813 ALCOHOLS-----	9,794	9,794						
2817 BENZENE AND TOLUENE-----	14,189					11,224		2,965
2818 SULPHURIC ACID-----	10,771					10,771		
2819 BASIC CHEMICALS AND PROD, NEC-----	77,832					77,832		
2821 PLASTIC MATERIALS-----	4,635							4,635
2822 SYNTHETIC RUBBER-----	299							299
2871 NITROGENOUS CHEM FERTILIZERS-----	107,099		5,571			101,528		
2873 PHOSPHATIC CHEM FERTILIZERS-----	10,866					10,866		
2879 FERTILIZER AND MATERIALS, NEC-----	70,201	3,935	10,819			55,447		
2891 MISCELLANEOUS CHEMICAL PROD-----	1,320					1,320		
2911 GASOLINE-----	1,068,902				161,764	738,895		168,243
2912 JET FUEL-----	445,520			4,266	302,182	137,934	1,138	
2914 DISTILLATE FUEL OIL-----	191,556		60			99,238		52,258
2915 RESIDUAL FUEL OIL AND GREASES-----	530,848	5,968				451,898		72,982
2916 LUBRICATING OILS AND GREASES-----	50,333					50,333		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	82,446					78,761		3,685
2918 ASPHALT, TAR, AND PITCHES-----	66,276					66,276		
2921 LIQUEFIED GASES-----	52,372	3,110				48,470		792
3241 BUILDING CEMENT-----	1,212	1,212						
3314 IRON AND STEEL PRIMARY FORMS-----	8,122					8,122		
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,061					1,061		
3316 IRON AND STEEL PLATES, SHEETS-----	19,739	8,385		70		11,284		
3317 IRON AND STEEL PIPE AND TUBE-----	1,905		700			1,205		
3319 IRON AND STEEL PRODUCTS, NEC-----	1,000					1,000		
3321 NONFERROUS METALS, NEC-----	1,250	1,250						
3323 LEAD AND ZINC, UNWORKED-----	667							667
3411 FABRICATED METAL PRODUCTS-----	2,108	638	120					1,350
3511 MACHINERY, EXCEPT ELECTRICAL-----	9,245	3,565	1,100			3,230		1,350
3611 ELECTRICAL MACH AND EQUIP-----	6,680		5,830					850
3731 SHIPS AND BOATS-----	7,032	105	981					5,946
3791 MISC TRANSPORTATION EQUIPMENT-----	200	200						
4011 IRON AND STEEL SCRAP-----	370							370
4012 NONFERROUS METAL SCRAP-----	435							435
4029 WASTE AND SCRAP, NEC-----	16,473					15,776		697
TOTAL TON-MILES, 477,942,331.								
AVERAGE HAUL PER TON, 102.2 MILES.								

GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO  
MOBILE BAY, ALA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: PENSACOLA BAY, FLA., TO MOBILE BAY, ALA.; 46 MILES. CONTROLLING DEPTH: 09.5 FEET. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	6,598,744	1976-----	8,177,318
1972-----	7,754,553	1977-----	7,930,036
1973-----	7,805,311	1978-----	8,949,163
1974-----	7,782,922	1979-----	7,915,863
1975-----	7,173,841	1980-----	7,566,267

# GULF INTRACOASTAL WATERWAY

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GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO  
MOBILE BAY, ALA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUE

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		INTERNAL		INTERNAL	
		RECEIPTS	THROUGH	INBOUND	THROUGH	INBOUND	THROUGH	INBOUND	THROUGH
TOTAL-----	7,566,207	86	211,501	141,530	244,913	180	6,254,877	6	914,014
0103 CORN-----	5,437		2,637						2,800
0105 RICE-----	1,178						1,178		
0107 WHEAT-----	23,500		11,548						11,952
0111 SOYBEANS-----	71,538								71,538
0119 OILSEEDS, NEC-----	30,307						408		29,899
0911 FRESH FISH, EXCEPT SHELLFISH-----	19			14				5	
0912 SHELLFISH, EXCEPT PREPARED-----	263			253					
0931 MARINE SHELLS, UNMANUFACTURED-----	354,105			231,774			122,331		
1091 NONFERROUS ORES, CONCENT, NEC-----	4,983		4,983						
1121 COAL AND LIGNITE-----	2,619,960						2,619,960		
1311 CRUDE PETROLEUM-----	93,174						55,380		37,794
1442 SAND, GRAVEL, CRUSHED ROCK-----	96,222			8,488			57,814		
1451 CLAY-----	94,119								54,118
1471 PHOSPHATE ROCK-----	112,365		112,365						
1479 NATURAL FERTILIZER MATS, NEC-----	22,800		22,800						
1493 SULPHUR, LIQUID-----	148,628								148,628
1499 NONMETALLIC MINERALS, NEC-----	42,097		40,977				1,120		
2022 DRIED MILK AND CREAM-----	498								498
2041 WHEAT FLOUR AND SEMOLINA-----	2,203								2,203
2042 PREPARED ANIMAL FEEDS-----	4,057		4,050						
2049 GRAIN MILL PRODUCTS, NEC-----	28,446		1,173						27,273
2098 ICE-----	181					180		1	
2099 MISCELLANEOUS FOOD PRODUCTS-----	11,083								11,083
2431 VENEER, PLYWOOD, WORKED WOOD-----	307								307
2611 PULP-----	31,281								31,281
2631 PAPER AND PAPERBOARD-----	78,183								78,183
2691 PULP AND PAPER PRODUCTS, NEC-----	4,801								4,801
2810 SODIUM HYDROXIDE-----	240,269		89,586				150,683		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	12,582						10,409		2,173
2813 ALCOHOLS-----	21,935		9,794				10,796		1,350
2817 BENZENE AND TOLUENE-----	16,989						14,324		2,965
2818 SULPHURIC ACID-----	15,052						15,052		
2819 BASIC CHEMICALS AND PROD, NEC-----	257,715						257,715		
2821 PLASTIC MATERIALS-----	4,635								4,635
2822 SYNTHETIC RUBBER-----	299								299
2871 NITROGENOUS CHEM FERTILIZERS-----	102,551			5,571			96,980		
2873 PHOSPHATIC CHEM FERTILIZERS-----	10,866						10,866		
2879 FERTILIZER AND MATERIALS, NEC-----	70,201		3,935	10,819			55,447		
2891 MISCELLANEOUS CHEMICAL PROD-----	1,320						1,320		
2911 GASOLINE-----	1,165,366						1,199,376		165,990
2912 JET FUEL-----	513,743						512,605		1,138
2914 DISTILLATE FUEL OIL-----	157,649			60			105,666		51,923
2915 RESIDUAL FUEL OIL-----	594,359		5,968		3,554		460,697		83,939
2916 LUBRICATING OILS AND GREASES-----	90,333						50,333		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	73,693						80,038		3,685
2918 ASPHALT, TAR, AND BITUMENS-----	66,276						66,276		
2921 LIQUEFIED GASES-----	70,224		3,110				44,567		22,549
3241 BUILDING CEMENT-----	1,212		1,212						
3314 IRON AND STEEL PRIMARY FORMS-----	8,516						8,516		
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,847						3,847		
3316 IRON AND STEEL PLATES, SHEETS-----	19,739		8,385	70			11,284		
3317 IRON AND STEEL PIPE AND TUBE-----	1,905			70			1,205		
3319 IRON AND STEEL PRODUCTS, NEC-----	9,610						9,418		
3321 NONFERROUS METALS, NEC-----	1,250		1,250						
3323 LEAD AND ZINC, UNWORKED-----	667								667
3411 FABRICATED METAL PRODUCTS-----	2,882		638	120			45		2,079
3511 MACHINERY, EXCEPT ELECTRICAL-----	9,854		3,200	1,050			3,230		2,374
3611 ELECTRICAL MACH AND EQUIP-----	6,680			5,830					850
3711 MOTOR VEHICLES, PARTS, EQUIP-----	250								250
3731 SHIPS AND BOATS-----	7,157	86	105	895			125		5,946
3791 MISC TRANSPORTATION EQUIPMENT-----	200		200						
4011 IRON AND STEEL SCRAP-----	36,462								36,462
4012 NONFERROUS METAL SCRAP-----	1,685								1,685
4029 WASTE AND SCRAP, NEC-----	16,473						15,776		697
TOTAL TON-MILES, 345,910,268.									
AVERAGE HAUL PER TON, 45.7 MILES.									

GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO  
NEW ORLEANS, LA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: MOBILE BAY, ALA., VIA THE MISSISSIPPI SOUND AND NEW ORLEANS RIGGLES CUT TO THE INNERHARBOR NAVIGATION CANAL AT NEW ORLEANS, LA., 134 MILES; ALTERNATE ROUTE, MOUTH OF RIGGLES THROUGH LAKE PONCHARTRAIN TO NEAR END OF INNERHARBOR NAVIGATION CANAL. CONTROLLING DEPTH: MOBILE BAY, ALA., TO NEW ORLEANS, LA., 12 FEET; ALTERNATE ROUTE, 7 FEET. PROJECT DEPTH: MOBILE BAY, ALA., TO NEW ORLEANS, LA., 12 FEET; ALTERNATE ROUTE, 7 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	18,660,228	1976-----	23,201,295
1972-----	21,613,217	1977-----	24,795,328
1973-----	19,323,261	1978-----	22,612,406
1974-----	21,337,231	1979-----	21,238,511
1975-----	21,726,203	1980-----	19,124,329

\* TRAFFIC FROM RIGGLES TO INNERHARBOR NAVIGATION CANAL, 15,76,306 TONS.

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO  
NEW ORLEANS, LA., (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980

DOCKING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		EASTBOUND	WESTBOUND
TOTAL-----	420,913	204,021	216,892
0103 CORN-----	2,637	2,637	-----
0107 WHEAT-----	11,548	11,548	-----
1071 NONFERROUS ORES, CONCENT., NEC-----	4,983	4,983	-----
1471 PHOSPHATE ROCK-----	186,775	-----	186,775
1479 NATURAL FERTILIZER MATS, NEC-----	22,800	22,800	-----
1499 NONMETALLIC MINERALS, NEC-----	40,977	40,977	-----
2042 PREPARED ANIMAL FEEDS-----	5,302	-----	5,302
2049 GRAIN MILL PRODUCTS, NEC-----	1,173	1,173	-----
2810 SODIUM HYDROXIDE-----	89,586	89,586	-----
2813 ALCOHOLS-----	9,794	9,794	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	5,571	-----	5,571
2879 FERTILIZER AND MATERIALS, NEC-----	14,754	3,935	10,819
2921 LIQUEFIED GASES-----	3,110	3,110	-----
3316 IRON AND STEEL PLATES, SHEETS-----	8,455	8,385	70
3317 IRON AND STEEL PIPE AND TUBE-----	700	-----	700
3321 NONFERROUS METALS, NEC-----	1,250	1,250	-----
3411 FABRICATED METAL PRODUCTS-----	638	638	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,950	2,900	1,050
3611 ELECTRICAL MACH AND EQUIP-----	5,830	-----	5,830
3751 SHIPS AND BOATS-----	880	105	775
3791 MISC TRANSPORTATION EQUIPMENT-----	200	200	-----
TON-MILES, DOCKING,-----	44,615,365	-----	-----

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	THROUGH		WESTBOUND	THROUGH	
			EASTBOUND	WESTBOUND		EASTBOUND	WESTBOUND
TOTAL-----	19,773,416	200	155,796	863	1,552,748	92	1,571
0103 CORN-----	450,650	-----	-----	-----	447,850	-----	2,800
0105 RICE-----	9,223	-----	-----	-----	9,223	-----	-----
0107 WHEAT-----	25,808	-----	-----	-----	16,477	-----	9,331
0111 SOYBEANS-----	107,920	-----	-----	-----	88,392	-----	19,528
0119 OILSEEDS, NEC-----	31,496	-----	-----	-----	-----	-----	31,496
0151 ANIMALS AND PRODUCTS, NEC-----	1,546	-----	-----	-----	1,546	-----	-----
0171 MISCELLANEOUS FARM PRODUCTS-----	154	-----	-----	-----	156	-----	-----
0931 MARINE SHELL, UNMANUFACTURED-----	1,079,920	-----	81,000	-----	659,700	-----	339,220
1011 IRON ORE AND CONCENTRATES-----	26,305	-----	-----	-----	29,305	-----	-----
1021 ALUMINUM ORES, CONCENTRATES-----	27,079	-----	-----	-----	-----	-----	27,079
1051 MANGANESE ORES, CONCENTRATES-----	40,494	-----	-----	-----	-----	-----	40,494
1071 NONFERROUS ORES, CONCENT., NEC-----	24,845	-----	-----	-----	10,438	-----	14,407
1121 COAL AND LIGNITE-----	3,950,370	-----	-----	-----	3,044,145	-----	906,225
1311 CRUDE PETROLEUM-----	1,729,153	-----	-----	-----	42,755	-----	1,686,398
1411 LIMESTONE-----	457,446	-----	-----	-----	-----	-----	457,446
1442 SAND, GRAVEL, CRUSHED ROCK-----	141,796	-----	719	-----	6,522	-----	134,555
1491 CLAY-----	177,726	-----	-----	-----	1,560	-----	176,166
1471 PHOSPHATE ROCK-----	1,480	-----	-----	-----	1,480	-----	-----
1493 SULPHUR, LIQUID-----	199,315	-----	-----	-----	53,339	-----	145,976
1499 NONMETALLIC MINERALS, NEC-----	208,647	-----	-----	-----	208,275	-----	372
1911 ORDNANCE AND ACCESSORIES-----	1,039	-----	-----	-----	-----	-----	1,039
2012 MEAT AND PRODUCTS, NEC-----	2,794	-----	-----	-----	2,765	-----	29
2022 UNITED MILK AND CREAM-----	1,132	-----	-----	-----	-----	-----	1,132
2041 WHEAT FLOUR AND SEMOLINA-----	10,043	-----	-----	-----	-----	-----	10,043
2042 PREPARED ANIMAL FEEDS-----	16,562	-----	-----	-----	7,712	-----	10,870
2049 GRAIN MILL PRODUCTS, NEC-----	47,015	-----	-----	-----	1,587	-----	45,428
2052 MOLASSES-----	4,131	-----	-----	-----	1,350	-----	2,781
2072 ANIMAL OILS AND FATS, NEC-----	15,795	-----	-----	-----	3,300	-----	12,495
2099 MISCELLANEOUS PROD PRODUCTS-----	12,595	-----	-----	-----	-----	-----	12,595
2211 BASIC TEXTILE PRODUCTS-----	921	-----	-----	-----	496	-----	425
2212 TEXTILE FIBERS, NEC-----	28	-----	-----	-----	280	-----	-----
2411 LOGS-----	1,212	-----	-----	-----	-----	-----	1,212
2414 TIMBER, POSTS, POLES, PILING-----	393	-----	-----	-----	-----	-----	393
2415 PULPWOOD LOGS-----	115,985	-----	-----	-----	33,608	-----	82,377
2421 LUMBER-----	9,802	-----	-----	-----	3,750	-----	6,052
2441 VENEER, PLYWOOD, WORKED WOOD-----	699	-----	-----	-----	50	-----	649
2491 WOOD MANUFACTURES, NEC-----	23	-----	-----	-----	232	-----	-----
2511 PULP-----	45,062	-----	-----	-----	-----	-----	45,062
2611 PAPER AND PAPERBOARD-----	96,076	-----	-----	-----	8,286	-----	87,790
2611 PULP AND PAPER PRODUCTS, NEC-----	4,801	-----	-----	-----	-----	-----	4,801
2810 SODIUM HYDROXIDE-----	545,687	-----	-----	-----	517,755	-----	27,932
2811 OTHER SALT, SODA, OXS PRODUCTS-----	4,012	-----	-----	-----	14,389	-----	23,613
2813 ALCOHOLS-----	30,253	-----	-----	-----	28,903	-----	1,350
2817 BENZENE AND TOLUENE-----	61,519	-----	-----	-----	57,144	-----	4,365
2818 SULPHURIC ACID-----	44,570	-----	-----	-----	20,427	-----	24,143
2819 BASIC CHEMICALS AND PROD., NEC-----	614,617	-----	-----	-----	317,755	-----	296,862
2821 PLASTIC MATERIALS-----	10,24	-----	-----	-----	5,300	-----	4,944
2822 SYNTHETIC RUBBER-----	11,916	-----	-----	-----	31,549	-----	389
2823 POLYESTER FIBERS-----	1,121	-----	-----	-----	-----	-----	1,121
2824 NITROGENOUS CHEM FERTILIZERS-----	134,674	-----	-----	-----	120,194	-----	14,480
2825 POTASSIUM CHEM FERTILIZERS-----	23,911	-----	-----	-----	293,913	-----	-----
2826 PHOSPHATE CHEM FERTILIZERS-----	11,866	-----	-----	-----	10,866	-----	1,000
2879 FERTILIZER AND MATERIALS, NEC-----	63,553	-----	-----	-----	145,644	-----	466,919

# GULF INTRACOASTAL WATERWAY

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GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO  
NEW ORLEANS, LA. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUE

FREIGHT TRAFFIC, 1980--CONTINUE

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	WESTBOUND	INBOUND WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
2891 MISCELLANEOUS CHEMICAL PROD----	2,351				1,370				1,031
2911 GASOLINE-----	2,396,810				1,982,329				414,481
2912 JET FUEL-----	524,442				270,865				53,577
2913 KEROSENE-----	23,960								23,960
2914 DISTILLATE FUEL OIL-----	230,295		1,850		97,688				130,757
2915 RESIDUAL FUEL OIL-----	2,927,731		23,092		1,296,781			18,216	1,189,642
2916 LUBRICATING OILS AND GREASES-----	74,645				74,645				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	296,538				38,454				218,084
2918 ASPHALT, TAR, AND BITUMENS-----	94,839				42,730				12,109
2920 COKE, PETROLEUM COKE-----	46,007				37,951				2,056
2921 LIQUEFIED GASES-----	190,473				45,492				144,981
2991 PETROLEUM AND COAL PROD, NEC-----	25,666								20,666
3241 BUILDING CEMENT-----	211,839	200	532	863	110,214	92	101	363	93,474
3251 STRUCTURAL CLAY PRODUCTS-----	4,225				4,225				
3281 CUT STONE AND STONE PRODUCTS-----	10				10				
3291 MISC NONMETALLIC MINERAL PROD-----	159,883		47,988		27,358				34,537
3311 PIG IRON-----	5,914				4,550				1,368
3314 IRON AND STEEL PRIMARY FORMS-----	39,093				35,402				3,691
3315 IRON, STEEL SHAPES, EXC SHEET-----	27,136				25,922				1,214
3316 IRON AND STEEL PLATES, SHEETS-----	146,019				94,108				31,911
3317 IRON AND STEEL PIPE AND TUBE-----	13,201				13,201				
3318 FERROALLOYS-----	27,585				20,500				7,085
3319 IRON AND STEEL PRODUCTS, NEC-----	33,435				12,579				20,856
3322 COPPER ALLOYS, UNWORKED-----	17				17				
3323 LEAD AND ZINC, UNWORKED-----	667								667
3324 ALUMINUM AND ALLOYS, UNWORKED-----	347								387
3411 FABRICATED METAL PRODUCTS-----	23,236				11,261				11,975
3511 MACHINERY, EXCEPT ELECTRICAL-----	19,935		15		13,524				6,396
3611 ELECTRICAL MACH AND EQUIP-----	1,524				574				1,150
3711 MOTOR VEHICLES, PARTS, EQUIP-----	3,126				1,720				1,406
3731 SHIPS AND BOATS-----	12,978				3,067				9,911
3791 MISC TRANSPORTATION EQUIPMENT-----	2,263				2,263				
3911 MISC MANUFACTURED PRODUCTS-----	1,517		600		516				301
4011 IRON AND STEEL SCRAP-----	283,825				1,250				282,575
4012 NONFERROUS METAL SCRAP-----	3,365								3,365
4029 WASTE AND SCRAP, NEC-----	21,872				15,776				6,096
4112 COMMODITIES, NEC-----	3,582				1,949				1,633
4118 WATERWAY IMPROVEMENT MAT-----	10,150				10,150				
TON-MILES, INTERNAL,-----	1,531,145,523.								
TONS, ALL TRAFFIC,-----	17,124,329.								
TON-MILES, ALL TRAFFIC,-----	1,575,760,888.								
AVERAGE HAUL PER TON,-----	98.1 MILES.								

GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO  
SABINE RIVER, TEX. (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: FROM HARVEY AND ALGIERS LOCKS AT NEW ORLEANS TO SABINE RIVER, TEX., 266 MILES. CONTROLLING DEPTH (MEAN LOW GULF):  
HARVEY AND ALGIERS LOCKS TO SABINE RIVER, TEX., 12 FEET, EXCEPT 9 FEET INTERMITTENTLY BETWEEN NEW ORLEANS AND SABINE RIVER, TEXAS.  
PROJECT DEPTH: HARVEY AND ALGIERS LOCKS TO SABINE RIVER, TEX., 16 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	70,563,298	1976-----	59,108,942
1972-----	68,934,972	1977-----	63,277,175
1973-----	62,265,498	1978-----	61,753,493
1974-----	65,839,703	1979-----	55,947,248
1975-----	56,750,361	1980-----	54,916,394

\* GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE, NOT INCLUDED. FOR THIS COMMERCE REFER TO INDEX.  
\* PASSENGERS--102,986.

FREIGHT TRAFFIC, 1980

COASTWISE

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	SHIPMENTS EASTBOUND	WESTBOUND
TOTAL-----	64,573	26,439	34,579	1,165
1091 NONFERROUS ORES, CONCENT, NEC-----	4,983		4,983	
1499 NONMETALLIC MINERALS, NEC-----	37,006	26,609	10,397	
2010 SODIUM HYDROXIDE-----	17,149		17,149	
3316 IRON AND STEEL PLATES, SHEETS-----	1,200		1,200	
3317 IRON AND STEEL PIPE AND TUBE-----	700			700
3511 MACHINERY, EXCEPT ELECTRICAL-----	850		850	
3611 ELECTRICAL MACH AND EQUIP-----	1,910			1,910
3731 SHIPS AND BOATS-----	775			775
TON-MILES, COASTWISE,-----	12,406,164.			



GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO  
 SABINE RIVER, TEX. (INCLUDED IN GULF INTRACOASTAL  
 WATERWAY CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	WESTBOUND	INBOUND WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
TOTAL-----	54,851,821	97,959	2,153,645	4,148,873	22,801,920	260,171	2,750,739	9,029,778	17,608,736
0101 COTTON, RAW-----	1,521				1,521				
0103 CORN-----	26,405				4,048				22,357
0105 RICE-----	42,729				24,823				17,906
0106 SORGHUM GRAINS-----	3,482				207				3,275
0107 WHEAT-----	21,910				21,910				
0111 SOYBEANS-----	284,188				262,282				21,906
0119 OILSEEDS, NEC-----	4,942				1,942				3,000
0122 HAY AND FODDER-----	1,431				1,431				
0133 COFFEE-----	262								262
0161 ANIMALS AND PRODUCTS, NEC-----	11,929				1,546				10,383
0841 CRUDE RUBBER AND ALLIED GUMS-----	226								226
0911 FRESH FISH, EXCEPT SHELLFISH-----	702								14
0912 SHELLFISH, EXCEPT PREPARED-----	2,381		271			417			
0931 MARINE SHELLS, UNMANUFACTURED-----	3,651,356		636,200	400	134,775	9,405	1,176,545	16,312	1,677,719
1011 IRON ORE AND CONCENTRATES-----	101,338		1,527		12,249		79,505		8,057
1051 ALUMINUM ORES, CONCENTRATES-----	68,740				1,463				67,277
1061 MANGANESE ORES, CONCENTRATES-----	20,595				2,400				18,195
1091 NONFERROUS ORES, CONCENT, NEC-----	46,478				12,950				22,024
1121 COAL AND LIGNITE-----	98,689		16,590				11,504		54,044
1311 CRUDE PETROLEUM-----	12,240,577	90,581	739,917	1,504,372	1,787,977	208,655	625,041	4,088,059	3,197,975
1411 LIMESTONE-----	21,113		12,359		4,379				4,375
1442 SAND, GRAVEL, CRUSHED ROCK-----	173,875		6,970	463	15,583	4	55,326	236	95,273
1451 CLAY-----	344,597	1,110	7,766	14,836	18,754	626	49,325	23,272	228,908
1493 SULPHUR, LIQUID-----	219,346				207,013		5,200		3,133
1499 NONMETALLIC MINERALS, NEC-----	4,186,185		1,606	2,356,549	1,708,535	25	27,122	3,059	89,289
2014 TALLOW, ANIMAL FATS AND OILS-----	24,183		1,652	13,672	1,500		6,138		1,221
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,820				1,820				
2041 WHEAT FLOUR AND SEMOLINA-----	4,626				3,564				1,062
2042 PREPARED ANIMAL FEEDS-----	87,113		177		63,853			302	22,781
2049 GRAIN MILL PRODUCTS, NEC-----	26,720			1,112	12,544		6,861		6,203
2061 SUGAR-----	165,961				164,947			1,014	
2062 MOLASSES-----	44,411				18,134				26,277
2091 VEGETABLE OILS, MARG, SHORT-----	27,513			10,104	8,152				9,257
2092 ANIMAL OILS AND FATS, NEC-----	36,971			1,165	35,470				336
2094 GROCERIES-----	4,474		1,793					2,721	
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,954				369				4,585
2211 BASIC TEXTILE PRODUCTS-----	1,168								1,168
2212 TEXTILE FIBERS, NEC-----	2,813				295				2,518
2311 APPAREL-----	37								37
2414 TIMBER, POSTS, POLES, PILING-----	10,891	10		125	533		23	8,646	1,554
2421 LUMBER-----	1,599			13	1,472	10		104	
2491 WOOD MANUFACTURES, NEC-----	610		13	376			50	35	136
2611 PULP-----	1,211				1,211				
2621 STANDARD NEWSPRINT PAPER-----	5,961				243				5,718
2631 PAPER AND PAPERBOARD-----	14,616				6,215				8,401
2691 PULP AND PAPER PRODUCTS, NEC-----	1,877		29	35	364				1,449
2711 PRINTED MATTER-----	15		15						
2810 SODIUM HYDROXIDE-----	1,033,978				648,849				385,129
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	435,076			847	142,758		1,948	681	288,842
2813 ALCOHOLS-----	791,624		391	618	658,647			2,886	1,082
2817 BENZENE AND TOLUENE-----	756,365				457,632		3,940	1,400	295,393
2818 SULPHURIC ACID-----	59,745				17,109		1,776		40,860
2819 BASIC CHEMICALS AND PROD, NEC-----	5,243,677	10	10,859	60,342	4,200,968		12,649	41,702	917,747
2821 PLASTIC MATERIALS-----	67,043				61,827				5,216
2822 SYNTHETIC RUBBER-----	14,469				10,272				4,197
2851 PAINTS-----	21		21						
2861 GUM AND WOOD CHEMICALS-----	1,327								1,327
2871 NITROGENOUS CHEM FERTILIZERS-----	375,999				35,169				340,830
2872 POTASSIC CHEM FERTILIZERS-----	293,913				293,913				
2873 PHOSPHATIC CHEM FERTILIZERS-----	46,032								46,032
2876 INSECTICIDES, DISINFECTANTS-----	110				110				
2879 FERTILIZER AND MATERIALS, NEC-----	260,894				99,817				157,798
2891 MISCELLANEOUS CHEMICAL PROD-----	89,098				66,156			118	22,824
2911 GASOLINE-----	3,163,325		82,534	3,577	1,693,540		46,478	11,772	1,325,404
2912 JET FUEL-----	454,832		29,890		289,937				135,005
2913 KEROSENE-----	395,233				261,857				114,938
2914 DISTILLATE FUEL OIL-----	1,801,262	4,442	109,924	32,810	868,199	7,919	130,229	89,948	1,557,791
2915 RESIDUAL FUEL OIL-----	6,857,410		99,795	54,056	4,397,547	7,090	270,216	64,480	1,864,226
2916 LUBRICATING OILS AND GREASES-----	1,230,463		1,279		1,043,247				185,937
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,894,347			10,148	1,064,015		5,043	16,377	798,764
2918 ASPHALT, TAR, AND BITUMENS-----	250,153				178,813				77,340
2920 COKE, PETROLEUM COKE-----	1,070,594		10,403		891,258				168,933
2921 LIQUEFIED GASES-----	302,917				271,628				31,289
2921 PETROLEUM AND COAL PROD, NEC-----	115,162				55,931				59,231
3211 GLASS AND GLASS PRODUCTS-----	1,557								1,557
3241 BUILDING CEMENT-----	312,846	633	11,106	6,106	17,417	5,403	27,309	34,262	210,610
3251 STRUCTURAL CLAY PRODUCTS-----	6,882			125	400				6,357
3271 LIME-----	4,288			38					4,250
3291 MISC NONMETALLIC MINERAL PROD-----	24,144			1,675			12,798		9,671
3311 PIG IRON-----	2,996						8		2,988
3312 SLAG-----	7,081								7,081
3314 IRON AND STEEL PRIMARY FORMS-----	206,096		1,200		3,342		4		201,550
3315 IRON, STEEL SHAPES, EXC SHEET-----	126,879		15,574		35,552	40	6,266	90	71,357
3316 IRON AND STEEL PLATES, SHEETS-----	618,271		60,324		109,857		12,732		435,358
3317 IRON AND STEEL PIPE AND TUBE-----	647,367	145	86,740	13,075	87,697	2,022	133,663	168,712	355,333
3318 FERROALLOYS-----	40,545				8,090				32,455
3319 IRON AND STEEL PRODUCTS, NEC-----	322,721		43,469	573	67,378	884	4,496		208,921
3321 NONFERROUS METALS, NEC-----	1,399				1,399				
3322 COPPER ALLOYS, UNWORKED-----	1,173								1,173
3323 LEAD AND ZINC, UNWORKED-----	5,552				4,144				1,408

# GULF INTRACOASTAL WATERWAY

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GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO  
SABINE RIVER, TEX., (INCLUDED IN GULF INTRACOASTAL  
WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	WESTBOUND	INBOUND WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
3324 ALUMINUM AND ALLOYS, UNWORKED--	19,041				16,456				2,585
3411 FABRICATED METAL PRODUCTS--	26,439	10	770	443	10,910		2,598	492	11,216
3511 MACHINERY, EXCEPT ELECTRICAL--	25,682	40	2,676	3,366	7,262	5	2,894	3,021	6,418
3611 ELECTRICAL MACH AND EQUIP--	109,404		15		89,454		51		19,884
3711 MOTOR VEHICLES, PARTS, EQUIP--	3,927				117				3,810
3731 SHIPS AND BOATS--	10,306			63	158		990	100	8,995
3911 MISC MANUFACTURED PRODUCTS--	254,887	834	47,797	3,568	30,074	11,080	699	153,448	37,383
4011 IRON AND STEEL SCRAP--	1,177,432		1,775	23,612	11,237		807	12,083	1,127,918
4012 NONFERROUS METAL SCRAP--	435				435				
4029 WASTE AND SCRAP, NEC--	169,259		494		15,776		45		152,944
4111 WATER--	354,307	140	752	11,751	418	8,580	1,455	256,578	74,633
4112 COMMODITIES, NEC--	86,652		6,437	7,121	31,564		1,550	27,868	11,912
4118 WATERWAY IMPROVEMENT MAT--	5,900								5,900
4119 EMPTY CONTAINERS--	813				110				703
TON-MILES, INTERNAL,	8,304,355,077.								

TONS, ALL TRAFFIC, 54,916,394.  
TON-MILES, ALL TRAFFIC, 8,310,797,201.  
AVERAGE HAUL PER TON, 151.4 MILES.

GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEX.,  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: SABINE RIVER TO GALVESTON, TEX., 85.7 MILES; CONTROLLING DEPTH: 12 FEET. PROJECT DEPTH: 12 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971--	46,049,374	1976--	41,868,705
1972--	44,521,530	1977--	45,486,574
1973--	39,741,355	1978--	43,703,545
1974--	40,062,686	1979--	42,920,273
1975--	37,638,364	1980--	41,976,730

FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	DOMESTIC COASTWISE THROUGH
TOTAL--	27,482	24,182	3,300
1091 NONFERROUS ORES, CONCENT, NEC--	4,983	4,983	
2810 SODIUM HYDROXIDE--	17,149	17,149	
3316 IRON AND STEEL PLATES, SHEETS--	1,200	1,200	
3317 IRON AND STEEL PIPE AND TUBE--	700		700
3511 MACHINERY, EXCEPT ELECTRICAL--	850	850	
3611 ELECTRICAL MACH AND EQUIP--	1,910		1,910
3731 SHIPS AND BOATS--	690		690
TON-MILES, OCEANGOING,	2,245,588.		

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	WESTBOUND	INBOUND WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
TOTAL--	41,949,248	438,357	2,716,665	17,979,974	19,237	1,808,573	1,571,472	17,414,973
0101 COTTON, RAW--	1,521			1,521				
0103 CORN--	9,984			4,048				5,936
0105 RICE--	28,516			18,550				9,966
0106 SORGHUM GRAINS--	3,482			207				3,275
0107 WHEAT--	18,724			18,724				
0111 SOYBEANS--	12,333			12,113				220
0119 OILSEEDS, NEC--	4,942			1,942				3,000
0122 HAY AND FODDER--	1,431			1,431				
0133 COFFEE--	983			721				262
0161 ANIMALS AND PRODUCTS, NEC--	10,383							10,383
0841 CRUDE RUBBER AND ALLIED GUMS--	226							226
0931 MARINE SHELLS, UNMANUFACTURED--	1,255,735		2,545		2,139	657,250	110,521	483,180
1011 IRON ORE AND CONCENTRATES--	18,033			9,976				8,057
1051 ALUMINUM ORES, CONCENTRATES--	57,651							57,651
1061 MANGANESE ORES, CONCENTRATES--	20,595			2,470				18,125
1071 NONFERROUS ORES, CONCENT, NEC--	33,281			17,950				15,331
1121 COAL AND LIGNITE--	1,496							1,496

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

GULF INTRACOASTAL WATERWAY, SABINE RIVER TO GALVESTON, TEX.  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND	OUTBOUND	THROUGH	WESTBOUND	INBOUND	OUTBOUND	THROUGH
		EASTBOUND	EASTBOUND	EASTBOUND		WESTBOUND	WESTBOUND	WESTBOUND
1311 CRUDE PETROLEUM-----	7,079,624	4,749	123,230	1,771,490		276,740	149,409	4,734,006
1411 LIMESTONE-----	31,653	2,203		28,041				1,409
1442 SAND, GRAVEL, CRUSHED ROCK-----	81,186			25,196				55,990
1451 CLAY-----	71,708	2,302		27,245				42,161
1493 SULPHUR, LIQUID-----	335,747			332,614				3,133
1499 NONMETALLIC MINERALS, NEC-----	233,712			202,458				31,254
2014 TALLOW, ANIMAL FATS AND OILS-----	2,721			1,500				1,221
2034 VEGETABLES AND PREP, NEC-----	5,249					5,249		
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,820			1,820				
2041 WHEAT FLOUR AND SEMOLINA-----	26,160		2,908	1,056		15,505		7,091
2042 PREPARED ANIMAL FEEDS-----	60,269			32,737		2,403	1,771	23,358
2049 GRAIN MILL PRODUCTS, NEC-----	16,482			10,279				6,203
2052 MOLASSES-----	28,759			2,482				26,277
2091 VEGETABLE OILS, MARG, SHORT-----	17,409			6,152				9,257
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,954		369			3,373		1,212
2211 BASIC TEXTILE PRODUCTS-----	1,168							1,168
2212 TEXTILE FIBERS, NEC-----	2,813		295					2,518
2311 APPAREL-----	37							37
2414 TIMBER, POSTS, POLES, PILING-----	2,087			533		544		1,010
2421 LUMBER-----	1,472		1,472					
2491 WOOD MANUFACTURES, NEC-----	18							18
2611 PULP-----	1,211			1,211				
2621 STANDARD NEWSPRINT PAPER-----	5,961			243				5,718
2631 PAPER AND PAPERBOARD-----	9,166			765				8,401
2691 PULP AND PAPER PRODUCTS, NEC-----	1,813			364				1,449
2810 SODIUM HYDROXIDE-----	652,202	8,331		340,582		4,355		298,934
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	436,709		2,662	143,274				290,773
2813 ALCOHOLS-----	965,116		6,998	710,954		4,302		228,641
2817 BENZENE AND TOLUENE-----	1,056,077	18,802	35,212	491,731	2,896	7,352	47,114	452,900
2818 SULPHURIC ACID-----	70,038			18,616				51,422
2819 BASIC CHEMICALS AND PROD, NEC-----	5,318,978	2,944	55,225	4,072,525		984	75,245	1,109,055
2821 PLASTIC MATERIALS-----	70,287			61,430			869	7,988
2822 SYNTHETIC RUBBER-----	14,568			10,272		2,145		2,151
2891 GUM AND WOOD CHEMICALS-----	1,327							1,327
2871 NITROGENOUS CHEM FERTILIZERS-----	362,949			22,139				340,830
2872 POTASSIC CHEM FERTILIZERS-----	293,913		5,965	287,948				
2873 PHOSPHATIC CHEM FERTILIZERS-----	46,032							46,032
2876 INSECTICIDES, DISINFECTANTS-----	110			110				
2879 FERTILIZER AND MATERIALS, NEC-----	200,861			93,152		2,180		105,529
2891 MISCELLANEOUS CHEMICAL PROD-----	55,458			33,046				22,413
2911 GASOLINE-----	3,374,542	165,475	418,811	1,305,546		257,621	152,254	1,076,835
2912 JET FUEL-----	420,996	24,245	36,443	225,303		9,900		125,105
2913 KEROSENE-----	390,634	8,593	180,036	84,453				114,938
2914 DISTILLATE FUEL OIL-----	2,956,771	10,710	211,147	869,698	6,960	266,477	2,614	1,526,296
2915 RESIDUAL FUEL OIL-----	7,959,188	135,611	819,483	4,087,105	4,140	242,329	776,303	1,894,217
2916 LUBRICATING OILS AND GREASES-----	1,024,038	18,415	104,831	704,564	3,102	8,581	3,425	181,120
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,004,965	13,555	16,819	1,017,661		5,506	33,257	918,167
2918 ASPHALT, TARS, AND BITUMENS-----	268,899		9,037	169,776				90,086
2920 COKE, PETROLEUM COKE-----	803,869		666,137	22,425			82,400	32,927
2921 LIQUEFIED GASES-----	130,300			93,888				36,412
2991 PETROLEUM AND COAL PROD, NEC-----	154,030	11,480	8,000	53,673		6,261	12,442	62,374
3211 GLASS AND GLASS PRODUCTS-----	1,557							1,557
3241 BUILDING CEMENT-----	201,719			19,572		70		182,077
3251 STRUCTURAL CLAY PRODUCTS-----	6,357							6,357
3271 LIME-----	4,250							4,250
3311 PIG IRON-----	2,988							2,988
3314 IRON AND STEEL PRIMARY FORMS-----	206,092			4,542		2,971		198,579
3315 IRON, STEEL SHAPES, EXC SHEET-----	117,797			50,326		2,100		65,371
3316 IRON AND STEEL PLATES, SHEETS-----	989,890		295	157,791		12,310		419,494
3317 IRON AND STEEL PIPE AND TUBE-----	419,563	120		92,707		1,350	200	325,186
3318 FERRALLOY-----	40,545			8,090				32,455
3319 IRON AND STEEL PRODUCTS, NEC-----	304,998			96,077		14,544		194,377
3321 NONFERROUS METALS, NEC-----	1,399			1,399				
3322 COPPER ALLOYS, UNWORKED-----	1,103							1,103
3323 LEAD AND ZINC, UNWORKED-----	5,592			4,144				1,408
3324 ALUMINUM AND ALLOYS, UNWORKED-----	12,281			11,583				698
3411 FABRICATED METAL PRODUCTS-----	13,715			3,666		157		9,892
3511 MACHINERY, EXCEPT ELECTRICAL-----	10,198	125		5,270			110	4,693
3611 ELECTRICAL MACH AND EQUIP-----	887			300				587
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5,896		880	117		880	209	3,810
3731 SHIPS AND BOATS-----	258			158				100
3791 MISC TRANSPORTATION EQUIPMENT-----	124	124						
3911 MISC MANUFACTURED PRODUCTS-----	14,440	300		12,354				1,786
4011 IRON AND STEEL SCRAP-----	1,150,092		3,042	7,697		14,154		1,125,109
4012 NONFERROUS METAL SCRAP-----	435			435				
4029 WASTE AND SCRAP, NEC-----	252,771			19,729			8,308	224,734
4111 WATER-----	133	75		58				
4112 COMMODITIES, NEC-----	40,243			31,410		1,442	864	6,527
4118 WATERWAY IMPROVEMENT MAT-----	5,930					5,930		
4119 EMPTY CONTAINERS-----	613			110		392		311

TON-MILES, INTERNAL, 2,597,485,955.

TONS, ALL TRAFFIC, 44,976,730.

TON-MILES, ALL TRAFFIC, 2,599,731,575.

AVERAGE HAUL PER TON, 61.9 MILES.

## GULF INTRACOASTAL WATERWAY

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GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)

SECTION INCLUDED: GALVESTON TO CORPUS CHRISTI SHIP CHANNEL, TEX., 187.7 MILES; CONTROLLING DEPTH: GALVESTON TO FREEPORT, TEX., 12 FEET; FREEPORT TO PORT O'CONNOR, TEX., 10 FEET; PORT O'CONNOR TO CORPUS CHRISTI, TEX., 10 FEET; PROJECT DEPTH: 12 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	19,176,570	1976-----	18,159,321
1972-----	21,636,325	1977-----	18,796,671
1973-----	20,689,928	1978-----	20,433,301
1974-----	23,311,153	1979-----	22,436,774
1975-----	19,467,870	1980-----	21,142,516

## FREIGHT TRAFFIC, 1980

## OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE			
		RECEIPTS	SHIPMENTS	THROUGH EASTBOUND	THROUGH WESTBOUND
TOTAL-----	6,033	1,760	600	4,983	690
1091 NONFERROUS ORES, CONCENT, NEC-----	4,983			4,983	
3317 IRON AND STEEL PIPE AND TUBE-----	700	700			
3511 MACHINERY, EXCEPT ELECTRICAL-----	600		600		
3611 ELECTRICAL MACH AND EQUIP-----	1,060	1,060			
3731 SHIPS AND BOATS-----	690				690
TON-MILES, OCEANGOING, 1,037,320.					

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	THROUGH EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	WESTBOUND	THROUGH WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
TOTAL-----	21,154,483	114,283	927,832	2,627,755	6,588,477	58,515	1,522,962	605,172	5,689,487
0101 COTTON, RAW-----	1,521			1,521					
0103 CORN-----	3,537			561	1,376				1,600
0105 RICE-----	17,265			7,380			9,885		
0106 SORGHUM GRAINS-----	11,865				11,865				
0111 SOYBEANS-----	9,213				9,213				
0119 OILSEEDS, NEC-----	4,511				1,511				3,000
0122 WAX AND FODDER-----	1,431				1,431				
0911 FRESH FISH, EXCEPT SHELLFISH-----	6		6						
0912 SHELLFISH, EXCEPT PREPARED-----	500		563				37		
0913 MARINE SHELLS, UNMANUFACTURED-----	1,012,843	102,275		800,358		30,701	9,000	70,509	
1001 IRON ORE AND CONCENTRATES-----	4,388						2,998		1,400
1003 ALUMINUM ORES, CONCENTRATES-----	71,052				2,921			10,500	57,631
1004 MANGANESE ORES, CONCENTRATES-----	9,820				4,205				5,622
1005 NONFERROUS ORES, CONCENT, NEC-----	31,414				11,762				19,652
1121 COAL AND LIGNITE-----	2,777						2,777		
1311 CRUDE PETROLEUM-----	3,102,253		127,517	665,654	421,634	17,465	91,973	165,140	1,412,878
1411 LIMESTONE-----	1,409						1,409		
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,144,073		343,720		1,292,845		90,344		227,163
1451 CLAY-----	101,662	736	41,104	21,063	56,403		2,305	10,514	39,537
1493 SULPHUR, LIQUID-----	90,997			42,196	22,011			26,800	
1499 NONMETALLIC MINERALS, NEC-----	175,819		125	175	147,337		8,828		19,354
2014 YOLLS, ANIMAL FATS AND OILS-----	3,950								3,950
2034 VEGETABLES AND PREP, NEC-----	5,269						5,269		
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,820				1,820				
2041 WHEAT FLOUR AND SEMOLINA-----	22,590			1,056			21,534		
2042 PREPARED ANIMAL FEEDS-----	16,394				6,766		11,422		
2049 GRAIN MILL PRODUCTS, NEC-----	3,074				3,074				
2091 VEGETABLE OILS, MARG, SHORT-----	1,400								1,400
2094 GROCERIES-----	16				16				
2095 ICE-----	2,975			272				2,703	
2099 MISCELLANEOUS FOOD PRODUCTS-----	671						671		
2211 BASIC TEXTILE PRODUCTS-----	152						152		
2212 TEXTILE FIBERS, NEC-----	2,324						2,324		
2491 WOOD MANUFACTURES, NEC-----	18						18		
2511 FURNITURE AND FIXTURES-----	305						305		
2621 STANDARD NEWSPRINT PAPER-----	5,718								5,718
2631 PAPER AND PAPERBOARD-----	5,144						5,144		2,790
2691 PULP AND PAPER PRODUCTS, NEC-----	1,449								1,449
2710 SODIUM HYDROXIDE-----	558,355				110,416				447,942
2711 CRUDE TAR, OIL, GAS PRODUCTS-----	458,090				312,235				145,855
2813 ALCOHOLS-----	279,721				219,001		1,350		59,370
2817 BENZENE AND TOLUENE-----	346,413				449,416				416,997
2818 SULPHURIC ACID-----	410,613				825		4,240		409,788
2819 BASIC CHEMICALS AND PROD, NEC-----	3,136,879		6,354	414,713	2,147,956		283		765,287
2821 PLASTIC MATERIALS-----	27,733				83,553		2,458		11,322
2822 SYNTHETIC RUBBER-----	654						654		
2823 NITROGENOUS CHEM FERTILIZERS-----	241,715				5,497		83,610		192,608
2824 PHOSPHOROUS CHEM FERTILIZERS-----	31,641								31,641
2829 FERTILIZER AND MATERIALS, NEC-----	50,571				1,191		11,529		46,853
2891 MISCELLANEOUS CHEMICAL PROD-----	21,773				19,369				2,404
2911 GASOLINE-----	1,006,821		50,601	43,061	816,728	4,799	44,784	26,122	94,526
2912 JET FUEL-----	447,722		2,844	39,844	443,023			1,072	
2913 KEROSENE-----	172,933				51,238			16,038	85,657
2914 DISTILLATE FUEL OIL-----	1,262,476	5,927	43,554	112,910	622,735	704	113,786	54,340	304,312

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.  
(INCLUDED IN GULF INTRACOASTAL WATERWAY CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	WESTBOUND	INBOUND WESTBOUND	OUTBOUND WESTBOUND	THROUGH WESTBOUND
2915 RESIDUAL FUEL OIL-----	2,154,602	-----	64,818	84,652	1,386,104	3,716	161,883	74,873	378,496
2916 LUBRICATING OILS AND GREASES--	126,693	2,875	17,870	5,574	7,299	-----	-----	5,962	89,113
2917 NAPHTHA, PETROLEUM SOLVENTS--	809,257	2,400	15,997	43,220	550,898	-----	19,990	42,110	114,642
2918 ASPHALT, TAR, AND BITUMENS--	99,861	-----	-----	-----	45,642	-----	-----	-----	54,219
2920 COKE, PETROLEUM COKE-----	7,742	-----	-----	-----	4,425	-----	-----	-----	3,317
2921 LIQUEFIED GASES-----	23,298	-----	-----	-----	1,768	-----	-----	-----	21,530
2991 PETROLEUM AND COAL PROD, NEC--	149,853	-----	-----	-----	30,941	-----	263	-----	118,649
3241 BUILDING CEMENT-----	76,099	-----	10,398	12,224	480	-----	45,939	7,020	38
3311 PIG IRON-----	7,180	-----	-----	4,712	1,100	-----	-----	-----	1,368
3314 IRON AND STEEL PRIMARY FORMS--	66,698	-----	-----	19,812	-----	-----	-----	687	48,199
3315 IRON, STEEL SHAPES, EXC SHEET--	14,884	-----	-----	6,125	-----	662	-----	993	7,104
3316 IRON AND STEEL PLATES, SHEETS--	63,929	-----	-----	31,297	-----	-----	-----	-----	32,632
3317 IRON AND STEEL PIPE AND TUBE--	96,306	-----	1,085	25,869	32,900	-----	14,140	990	21,322
3318 FERRALLOYS-----	10,669	-----	-----	-----	6,690	-----	-----	-----	3,979
3319 IRON AND STEEL PRODUCTS, NEC--	43,645	-----	-----	1,865	-----	-----	-----	-----	41,781
3321 NONFERROUS METALS, NEC-----	1,399	-----	-----	-----	1,399	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1,103	-----	-----	-----	-----	-----	-----	-----	1,103
3323 LEAD AND ZINC, UNWORKED-----	2,872	-----	-----	-----	2,872	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED--	10,312	-----	-----	-----	9,614	-----	698	-----	-----
3411 FABRICATED METAL PRODUCTS-----	3,769	-----	-----	3,738	-----	-----	30	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL--	26,901	-----	-----	20,128	400	468	2,736	850	2,319
3611 ELECTRICAL MACH AND EQUIP-----	455	-----	-----	430	25	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP--	2,366	-----	-----	1,557	-----	-----	809	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT--	124	-----	-----	124	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	66,948	-----	-----	45,009	1,941	-----	1,423	18,500	75
4011 IRON AND STEEL SCRAP-----	115,184	-----	-----	-----	1,144	-----	-----	-----	114,040
4029 WASTE AND SCRAP, NEC-----	798,045	-----	-----	-----	1,377	-----	741,797	-----	14,874
4111 WATER-----	210,700	-----	645	148,182	14,483	-----	100	47,290	-----
4112 COMMODITIES, NEC-----	33,594	-----	531	22,473	1,038	-----	6,713	957	1,882
TON-MILES, INTERNAL-----	2,334,942,701.	-----	-----	-----	-----	-----	-----	-----	-----

TONS, ALL TRAFFIC----- 21,142,516.  
 TON-MILES, ALL TRAFFIC----- 2,335,982,021.  
 AVERAGE HAUL PER TON----- 110.5 MILES.

GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN  
BORDER (INCLUDED IN GULF INTRACOASTAL WATERWAY  
CONSOLIDATED REPORT)

SECTION INCLUDED: CORPUS CHRISTI SHIP CHANNEL TO BROWNSVILLE, TEX., INCLUDING SIDE CHANNELS AND SMALL BOAT HARBOR AT PORT ISABEL, TEX.,  
 146 MILES, CONTROLLING DEPTH: CORPUS CHRISTI TO BROWNSVILLE, TEX., 8 FEET; SIDE CHANNELS AT PORT ISABEL, TEX., 11.5 FEET; SMALL BOAT  
 HARBOR, 3 FEET, PROJECT DEPTH: CORPUS CHRISTI TO BROWNSVILLE, TEX., 12 FEET; SIDE CHANNELS AT PORT ISABEL, TEX., 12 FEET AND SMALL  
 BOAT HARBOR 7 AND 5 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,391,618	1976-----	1,949,616
1972-----	2,792,265	1977-----	1,993,577
1973-----	2,571,002	1978-----	2,106,132
1974-----	2,711,310	1979-----	2,488,372
1975-----	2,230,313	1980-----	2,388,221

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	INBOUND WESTBOUND	THROUGH WESTBOUND
TOTAL-----	2,188,221	7,225	465	802,300	76,475	956,368	545,388
2113 CORN-----	2,976	-----	-----	-----	1,376	-----	-----
3111 SOYBEANS-----	5,241	-----	-----	-----	5,241	1,600	-----
0119 OILSEEDS, NEC-----	4,511	-----	-----	-----	1,511	3,000	-----
0122 WAX AND FODDER-----	1,431	-----	-----	-----	1,431	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH--	233	-----	-----	-----	-----	233	-----
0912 SHELLFISH, EXCEPT PREPARED-----	813	-----	465	-----	-----	348	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	15,066	-----	-----	-----	-----	15,066	-----
1031 ALUMINUM ORES, CONCENTRATES-----	5,769	-----	-----	2,921	-----	2,848	-----
1061 MANGANESE ORES, CONCENTRATES-----	7,022	-----	-----	1,400	-----	5,622	-----
1091 NONFERROUS ORES, CONCENT, NEC--	11,962	-----	-----	11,962	-----	-----	-----
1311 CRUDE PETROLEUM, UNREFINED-----	168,777	-----	-----	221,395	2,451	88,174	56,757
1412 BUILDING STONE, UNWORKED-----	7,225	7,225	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	224,470	-----	-----	-----	4,195	145,247	75,028
1491 CLAY-----	24,759	-----	-----	-----	255	24,504	-----
1493 SULFUR, LUMP-----	26,800	-----	-----	-----	-----	26,800	-----
1499 NONMETALLIC MINERALS, NEC-----	166,691	-----	-----	147,337	-----	19,354	-----
2014 TALLOW, ANIMAL FATS AND OILS--	3,950	-----	-----	-----	-----	3,950	-----
2039 PREP FRUIT AND VEG JUICES, NEC--	1,820	-----	-----	-----	1,820	-----	-----
2042 PREPARED ANIMAL FEEDS-----	6,966	-----	-----	-----	6,966	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	3,074	-----	-----	-----	3,074	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	1,400	-----	-----	-----	-----	1,400	-----

# GULF INTRACOASTAL WATERWAY

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GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN  
BORDER (INCLUDED IN GULF INTRACOASTAL WATERWAY  
CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		EASTBOUND	INBOUND EASTBOUND	OUTBOUND EASTBOUND	THROUGH EASTBOUND	INBOUND WESTBOUND	THROUGH WESTBOUND
2099 ICE-----	1,940			1,940			
2819 BASIC CHEMICALS AND PROD, NEC-----	418,388			288,988		129,320	
2871 NITROGENOUS CHEM FERTILIZERS-----	93,103					4,840	48,263
2873 PHOSPHATIC CHEM FERTILIZERS-----	7,314						7,314
2879 FERTILIZER AND MATERIALS, NEC-----	5,488					5,488	
2911 GASOLINE-----	488,676			1,816	3,502	164,502	318,956
2914 DISTILLATE FUEL OIL-----	68,250			19,973		9,107	39,170
2915 RESIDUAL FUEL OIL-----	39,274			27,380		11,894	
2916 LUBRICATING OILS AND GREASES-----	14,962					14,962	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	106,446			35,924	70,522		
2918 ASPHALT, TAR, AND PITCHES-----	23,836					23,836	
2920 COKE, PETROLEUM COKE-----	1,317					1,317	
3311 PIG IRON-----	2,468			1,107		1,368	
3314 IRON AND STEEL PRIMARY FORMS-----	48,886					48,886	
3315 IRON, STEEL SHAPES, ETC SHEET-----	7,194					7,194	
3316 IRON AND STEEL PLATES, SHEETS-----	31,632					31,632	
3317 IRON AND STEEL PIPE AND TUBE-----	3,734			2,356		1,378	
3318 FERROALLOYS-----	6,829			2,850		3,979	
3319 IRON AND STEEL PRODUCTS, NEC-----	40,271					40,271	
3322 COPPER ALLOYS, UNWORKED-----	1,103					1,103	
3323 LEAD AND ZINC, UNWORKED-----	1,400			1,400			
3411 FABRICATED METAL PRODUCTS-----	108			53		55	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,490			334		1,156	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,808			1,605		1,203	
3911 MISC MANUFACTURED PRODUCTS-----	1,225			475		750	
4011 IRON AND STEEL SCRAP-----	114,684			1,144		113,540	
4111 WATER-----	3,513			3,429		84	
4112 COMMODITIES, NEC-----	1,096			649		447	
TOTAL TON-MILES, 300,709,996.							
AVERAGE HAUL PER TON, 125.9 MILES.							

# JACKSONVILLE, FLA., DISTRICT GULF COAST AND ANTILLES PORTION

OKEECHOBEE WATERWAY, FLA.

SECTION INCLUDED: JUNCTION WITH INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA., TO GULF OF MEXICO VIA CLEWISTON AND CHANNEL ACROSS LAKE OKEECHOBEE, 154.6 MILES; SOUTH SHORE LEVEE CHANNEL FROM PORT MAYACA TO CLEWISTON, 37 MILES; NATURAL CHANNELS ALONG NORTHERLY SHORE OF THE LAKE FROM PORT MAYACA TO MOORE HAVEN LOCK, 57.3 MILES; TAYLOR CREEK TO TOWN OF OKEECHOBEE, FLA., 4 MILES. CONTROLLING DEPTH: 12 FEET FROM GULF OF MEXICO TO PUNTA RASA, 3.8 MILES; THENCE 14 FEET TO FORT MYERS (EDISON MEMORIAL BRIDGE), 16.3 MILES; THENCE 8 FEET TO THE INTRACOASTAL WATERWAY AND 5 FEET IN TAYLOR CREEK. PROJECT DEPTH: 12 FEET, GULF OF MEXICO TO PUNTA RASA; THENCE 18 FEET TO FORT MYERS; THENCE TO THE INTRACOASTAL WATERWAY, 8 FEET VIA CLEWISTON AND THE CHANNEL ACROSS THE LAKE, OR 6 FEET VIA SOUTH SHORE LEVEE CHANNELS; AND 6 FEET IN TAYLOR CREEK TO THE TOWN OF OKEECHOBEE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	733,537	14,363	1976	872,558	40,151
1972	708,848	14,006	1977	904,818	57,051
1973	557,958	15,493	1978	711,493	36,382
1974	843,844	16,609	1979	844,894	39,734
1975	971,705	46,620	1980	972,424	39,537

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					
		THROUGH		INBOUND		OUTBOUND		THROUGH	
		EASTBOUND	WESTBOUND					EASTBOUND	WESTBOUND
TOTAL	972,424	24,076	9,201	876,978	47,870	247	200	4,818	9,034
0911 FRESH FISH, EXCEPT SHELLFISH	197					197			
0912 SHELLFISH, EXCEPT PREPARED	256			256					
1091 NONFERROUS ORES, CONCENT., NEC.	4,983	4,983							
2095 ICE	1,755				1,755				
2414 TIMBER, POSTS, POLES, PILING	300			300					
2810 SODIUM HYDROXIDE	3,784	3,784							
2813 ALCOHOLS	9,794	9,794							
2871 NITROGENOUS CHEM. FERTILIZERS	5,571		5,571						
2914 DISTILLATE FUEL OIL	31,832		972	30,860					
2915 RESIDUAL FUEL OIL	841,738			841,738					
2921 LIQUEFIED GASES	1,747	1,747							
3241 BUILDING CEMENT	750			750					
3291 MISC. NONMETALLIC MINERAL PROD.	9,731			1,994	100				7,637
3315 IRON, STEEL SHAPES, EXC. SHEET	1,457		1,087	300	150				
3316 IRON AND STEEL PLATES, SHEETS	70		70						
3411 FABRICATED METAL PRODUCTS	708	458	120	30	100				
3511 MACHINERY, EXCEPT ELECTRICAL	7,588	2,315	590	690	1,005	50	200	2,278	500
3611 ELECTRICAL MACH. AND EQUIP.	2,550				10			2,540	
3731 SHIPS AND BOATS	2,513	795	911	60					747
3791 MISC. TRANSPORTATION EQUIPMENT	200	200							
4012 NONFERROUS METAL SCRAP	150								150
4118 WATERWAY IMPROVEMENT MAT.	44,750				44,750				
TOTAL TON-MILES	26,768,079								

## CHARLOTTE HARBOR, FLA.

SECTION INCLUDED: GULF OF MEXICO TO HIGHWAY BRIDGE AT PUNTA GORDA, ABOUT 29.5 MILES; WATERFRONT ON GASPARILLA ISLAND FROM PORT BOCA GRANDE TO BOCA GRANDE, 1 MILE; AND MYAKKA RIVER TO FL JOSEPH, 4 MILES. CONTROLLING DEPTH: 32 FEET FROM THE GULF OF MEXICO TO PORT BOCA GRANDE; THENCE 9 FEET TO PUNTA GORDA. PROJECT DEPTH: 32 FEET FROM THE GULF OF MEXICO TO PORT BOCA GRANDE, 4.5 MILES; THENCE 10 FEET TO THE MUNICIPAL TERMINAL AT PUNTA GORDA, 25 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	2,408,828	1976	2,057,058
1972	2,302,392	1977	2,472,973
1973	2,474,172	1978	1,748,036
1974	2,660,184	1979	1,730,866
1975	2,259,601	1980	1,353,114

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	1,353,114	469,227	10,862	872,042	83	
0911 FRESH FISH, EXCEPT SHELLFISH	281		126	102	53	
0912 SHELLFISH, EXCEPT PREPARED	4			4		
2095 ICE	1,050		850	170	30	
2914 DISTILLATE FUEL OIL	53,171	21,977	334	30,860		
2915 RESIDUAL FUEL OIL	1,290,693	447,250	1,725	841,738		
3291 MISC NONMETALLIC MINERAL PROD	7,637		7,637			
3511 MACHINERY, EXCEPT ELECTRICAL	278		210	68		
TOTAL TON-MILES	1,492,082					

## JACKSONVILLE, FLA., DISTRICT

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INTRACASTAL WATERWAY, CALOOSAHATCHEE RIVER  
TO ANCLOTE RIVER, FLA.

SECTION INCLUDED: MOUTH OF CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, 160 MILES, CONTROLLING DEPTH: 5 FEET, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER; 6 FEET IN CATS POINT CHANNEL ALONG THE SOUTHEASTERN SIDE OF BOCA CIEGA BAY AND ACROSS CATS POINT SHOAL, PROJECT DEPTH: 9 FEET, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, INCLUDING SUNSHINE SKYWAY BORROW CHANNEL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	753,679	15,728	1976-----	1,225,808	147,608
1972-----	950,358	822	1977-----	1,505,267	133,436
1973-----	732,754	915	1978-----	1,568,618	46,000
1974-----	1,160,324	1,997	1979-----	1,472,755	121,580
1975-----	1,235,204	152,986	1980-----	1,215,318	139,276

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH		INBOUND	OUTBOUND	INTERNAL		THROUGH	
		NORTHBOUND	SOUTHBOUND			NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	1,215,318	125,464	85,022	1,930	7,625	1,500	4,628	9,034	880,065
0103 CORN-----	2,637		2,637						
0107 WHEAT-----	11,548		11,548						
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,852			1,117	84	695	956		
0912 SHELLFISH, EXCEPT PREPARED-----	35				18	17			
1091 NONFERROUS ORES, CONCENT, NEC-----	4,983		4,983						
1471 PHOSPHATE ROCK-----	87,638	87,638							
1479 NATURAL FERTILIZER MATS, NEC-----	22,800		22,800						
1499 NONMETALLIC MINERALS, NEC-----	40,977		40,977						
2042 PREPARED ANIMAL FEEDS-----	4,050	4,050							
2049 GRAIN MILL PRODUCTS, NEC-----	1,173		1,173						
2095 ICE-----	12,109			58	7,541	838	3,672		
2810 SODIUM HYDROXIDE-----	64,016		64,016						
2813 ALCOHOLS-----	9,794		9,794						
2871 NITROGENOUS CHEM FERTILIZERS-----	5,571	5,571							
2879 FERTILIZER AND MATERIALS, NEC-----	14,754	10,819	3,935						
2914 DISTILLATE FUEL OIL-----	31,991	60		737					31,194
2915 RESIDUAL FUEL OIL-----	854,445	5,968	5,034						843,443
2921 LIQUEFIED GASES-----	3,110		3,110						
3241 BUILDING CEMENT-----	1,212		1,212						
3291 MISC NONMETALLIC MINERAL PROD-----	7,637							7,637	
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,007	1,007							
3316 IRON AND STEEL PLATES, SHEETS-----	8,455	70	8,385						
3317 IRON AND STEEL PIPE AND TUBE-----	1,400	1,400							
3321 NONFERROUS METALS, NEC-----	1,250		1,250						
3411 FABRICATED METAL PRODUCTS-----	578	120	458						
3511 MACHINERY, EXCEPT ELECTRICAL-----	8,053	1,950	2,715					500	2,888
3611 ELECTRICAL MACH AND EQUIP-----	8,370	5,830							2,540
3731 SHIPS AND BOATS-----	2,523	981	795					747	
3791 MISC TRANSPORTATION EQUIPMENT-----	200		200						
4012 NONFERROUS METAL SCRAP-----	150							150	
TOTAL TON-MILES-----	45,073,005								

## TAMPA HARBOR, FLA.

SECTION INCLUDED: GULF OF MEXICO TO AND INCLUDING THE CHANNELS OF UPPER TAMPA HARBOR, 44.5 MILES; CHANNEL TO PORT TAMPA AND THENCE TO COURTNEY CAMPBELL PARKWAY, 17.5 MILES; A NATURAL CHANNEL LEADING FROM PORT TAMPA CHANNEL TOWARD ST. PETERSBURG, 1.8 MILES; ALAFIA RIVER CHANNEL, 3.6 MILES; HILLSBOROUGH RIVER TO CITY WATERWORKS DAM, 10 MILES; AND CHANNELS IN "LITTLE MANATEE RIVER, FLA." PROJECT, CONTROLLING DEPTH: 40.2 FEET IN EGMONT CHANNEL, 33 FEET IN TAMPA BAY CHANNEL, 30 FEET IN HILLSBOROUGH BAY CHANNEL, AND THE UPPER HARBOR CHANNELS 21 FEET; 30 FEET IN PORT TAMPA CHANNEL; 30 FEET IN ALAFIA RIVER CHANNEL; 6.2 FEET IN HILLSBOROUGH RIVER TO LAFAYETTE STREET BRIDGE, AND THENCE 9 FEET TO A POINT 2,000 FEET ABOVE COLUMBUS DRIVE BRIDGE, PROJECT DEPTH: 36 FEET IN EGMONT CHANNEL, 5.7 MILES; THENCE 34 FEET IN MULLET KEY CUT AND TAMPA BAY, HILLSBOROUGH BAY, PORT TAMPA, SPARHMAN, AND YBOR CHANNELS, ABOUT 44.7 MILES; 30 FEET IN SEDDON, GARRISON, PORT SUTTON WITH TURNING BASIN, AND ALAFIA RIVER CHANNELS, ABOUT 6.6 MILES; 12 FEET IN HILLSBOROUGH RIVER TO WITHIN 100 FEET OF LAFAYETTE STREET BRIDGE, 0.5 MILES; THENCE 9 FEET TO A POINT 2,000 FEET ABOVE THE COLUMBUS DRIVE BRIDGE, 2.4 MILES, AND THENCE REMOVAL OF OBSTRUCTIONS TO CITY WATERWORKS DAM, 7.2 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS, COMMERCIAL	*ADDITIONAL THROUGH TRAFFIC	YEAR	TONS	PASSENGERS, COMMERCIAL	*ADDITIONAL THROUGH TRAFFIC
1971-----	34,075,145	58,522	1,293,864	1976-----	39,974,415	10,014	3,449,812
1972-----	43,250,119	73,770	490,424	1977-----	45,119,951	1,762	3,189,969
1973-----	41,923,222	85,245	2,383,972	1978-----	47,077,047	7,339	3,136,560
1974-----	40,918,807	76,690	1,338,553	1979-----	47,884,591	3,942	2,423,275
1975-----	39,857,661	244	2,769,978	1980-----	46,525,163		4,252,834

\*EFFECTIVE WITH 1973 INCLUDES SEASONING TRAFFIC TO AND FROM PORT MANATEE, FLA.; ST. PETERSBURG, FLA.; AND HEBDON ISLAND, FLA. PRIOR TO 1973 THROUGH TRAFFIC CONSISTED OF SEASONING TRAFFIC TO AND FROM HEBDON ISLAND.



## TAMPA HARBOR, FLA.--CONTINUED

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	48,625,160	4,228,998	18,467,775	17,593,826	8,189,656	83,132	19,072	48,701
0103 CORN-----	10,439		2	6,537	3,900			
0105 RICE-----	2		2					
0107 WHEAT-----	130,287			130,287				
0111 SOYBEANS-----	44		44					
0119 OILSEEDS, NEC-----	3,926			1,229	2,697			
0121 TOBACCO, LEAF-----	680	680						
0129 FIELD CROPS, NEC-----	21		21					
0131 FRESH FRUITS AND TREE NUTS-----	259,124	184,439	74,685					
0133 COFFEE-----	1		1					
0141 FRESH AND FROZEN VEGETABLES-----	744	742	32					
0151 LIVE ANIMALS-----	118		118					
0161 ANIMALS AND PRODUCTS, NEC-----	18,389	2	18,387					
0191 MISCELLANEOUS FARM PRODUCTS-----	2	2						
0861 FOREST PRODUCTS, NEC-----	208		208					
0911 FRESH FISH, EXCEPT SHELLFISH-----	3,626	201	3,298			127		
0912 SHELLFISH, EXCEPT PREPARED-----	2,360	2,293	90			17		
1121 COAL AND LIGNITE-----	2,686,054	81,193		2,586,861	18,000			
1411 LIMESTONE-----	347,802	347,790	12					
1442 SAND, GRAVEL, CRUSHED ROCK-----	21,559		21,559					
1451 CLAY-----	1,181,192	1,179,852	1,300					
1471 PHOSPHATE ROCK-----	19,539,002	4,841	11,567,621	26,233	7,920,307			
1479 NATURAL FERTILIZER MATS, NEC-----	33,118	10,318		22,800				
1493 SULPHUR, LIQUID-----	3,592,180			3,575,944	16,236			
1499 NONMETALLIC MINERALS, NEC-----	67,756	26,428	351	40,977				
2011 MEAT, FRESH, CHILLED, FROZEN-----	89,984	4,442	85,542					
2012 MEAT AND PRODUCTS, NEC-----	717	516	201					
2014 TALLOW, ANIMAL FATS AND OILS-----	22,420		22,420					
2015 ANIMAL BY-PRODUCTS, NEC-----	129	35	94					
2022 DRIED MILK AND CREAM-----	493		493					
2031 FISH AND SHELLFISH, PREPARED-----	532	488	44					
2034 VEGETABLES AND PREP, NEC-----	149	43	106					
2039 PREP FRUIT AND VEG JUICE, NEC-----	35,940	28,311	7,629					
2041 WHEAT FLOUR AND SEMOLINA-----	16		16					
2042 PREPARED ANIMAL FEEDS-----	939,193	383	932,208		6,602			
2049 GRAIN MILL PRODUCTS, NEC-----	5,210	46	45	3,870	1,829			
2061 SUGAR-----	74,521		6		74,515			
2081 ALCOHOLIC BEVERAGES-----	1,516	365	1,191					
2091 VEGETABLE OILS, MARG, SHORT-----	202		202					
2095 ICE-----	373						373	
2099 MISCELLANEOUS FOOD PRODUCTS-----	552	257	295					
2111 TOBACCO MANUFACTURES-----	19	1	18					
2211 BASIC TEXTILE PRODUCTS-----	1,007	1	1,006					
2212 TEXTILE FIBERS, NEC-----	18		18					
2311 APPAREL-----	23	20	3					
2411 LOGS-----	4,805	91	4,714					
2413 FUEL WOOD, CHARCOAL, WASTES-----	6		6					
2414 TIMBER, POSTS, POLES, PILING-----	18		18					
2421 LUMBER-----	23,992	20,602	3,390					
2431 VENEER, PLYWOOD, WORKED WOOD-----	4,847	4,381	466					
2491 WOOD MANUFACTURES, NEC-----	309	2	307					
2511 FURNITURE AND FIXTURES-----	195	69	126					
2611 PULP-----	4,459		4,459					
2631 PAPER AND PAPERBOARD-----	89,852	38,315	51,537					
2691 PULP AND PAPER PRODUCTS, NEC-----	795	2	793					
2711 PRINTED MATTER-----	9	3	6					
2810 SODIUM HYDROXIDE-----	123,555		123,555					
2819 BASIC CHEMICALS AND PROD, NEC-----	1,500,781	1,469,076	25,191	6,514				
2821 PLASTIC MATERIALS-----	46	6	40					
2831 DRUGS-----	55	55						
2841 SOAP-----	180	159	21					
2851 PAINTS-----	229	105	124					
2861 GUM AND WOOD CHEMICALS-----	940	915	25					
2871 NITROGENOUS CHEM FERTILIZERS-----	19,745	11,655	8,080					
2872 POTASSIC CHEM FERTILIZERS-----	699,155		519,162	179,993				
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,452,670	81,672	1,367,228		3,770			
2876 INSECTICIDES, DISINFECTANTS-----	4,910		4,910					
2879 FERTILIZER AND MATERIALS, NEC-----	3,599,448	12,149	3,571,945	3,935	11,419			
2891 MISCELLANEOUS CHEMICAL PROD-----	2,289	1,168	1,121					
2911 GASOLINE-----	5,876,109	12,351	44	5,833,322	30,392			
2912 JET FUEL-----	777,675			777,675				
2913 KEROSENE-----	31,345			31,345				
2914 DISTILLATE FUEL OIL-----	1,568,284			1,529,939	1,108	13,696	6,100	17,451
2915 RESIDUAL FUEL OIL-----	2,295,350	167,700		2,029,336	390	67,495	7,639	22,790
2916 LUBRICATING OILS AND GREASES-----	42,834	13,382	40	22,812	6,600			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,107			6,107				
2918 ASPHALT, TAR, AND BITUMENS-----	289,778			289,778				
2921 LIQUEFIED GASES-----	137,348		11	106,420	30,917			
2951 ASPHALT BUILDING MATERIALS-----	637		637					
2991 PETROLEUM AND COAL PROD, NEC-----	247,415			237,915	9,500			
3011 RUBBER AND MISC PLASTIC PROD-----	2,537	275	2,262					
3111 LEATHER AND LEATHER PRODUCTS-----	10	10						
3211 GLASS AND GLASS PRODUCTS-----	2,338	1,929	379					
3241 BUILDING CEMENT-----	242,475	239,011	96	3,368				
3251 STRUCTURAL CLAY PRODUCTS-----	1,253		1					
3241 CUT STONE AND STONE PRODUCTS-----	668	607	1					
3291 MISC NONMETALLIC MINERAL PROD-----	37,892	261	177		37,414			
3314 IRON AND STEEL PRIMARY FORMS-----	27,366		27,366					
3315 IRON, STEEL SHAPES, ETC SHEET-----	153,434	147,123	6,311					
3316 IRON AND STEEL PLATES, SHEETS-----	11,181		101	11,080				
3317 IRON AND STEEL PIPE AND TUBE-----	48,017	46,289	223		1,529			
3319 IRON AND STEEL PRODUCTS, NEC-----	1,123	1,083	40					
3321 NONFERROUS METALS, NEC-----	1,255		5	1,250				

## JACKSONVILLE, FLA., DISTRICT

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TAMPA HARBOR, FLA.--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
3322 COPPER ALLOYS, UNWORKED	23		23				
3323 LEAD AND ZINC, UNWORKED	26	20	6				
3324 ALUMINUM AND ALLOYS, UNWORKED	89		89				
3411 FABRICATED METAL PRODUCTS	28,545	18,103	9,792	400	250		
3511 MACHINERY, EXCEPT ELECTRICAL	20,959	4,343	3,881	3,210	4,875	900	2,420
3611 ELECTRICAL MACH AND EQUIP	12,498	18	970		7,890		2,540
3711 MOTOR VEHICLES, PARTS, EQUIP	61,410	60,819	591				
3721 AIRCRAFT AND PARTS	2		2				
3731 SHIPS AND BOATS	1,065		44	134	140	747	
3791 MISC TRANSPORTATION EQUIPMENT	444	274	170				
3811 INSTR, TIME, PHOTO, OPT GOODS	9	5	4				
3911 MISC MANUFACTURED PRODUCTS	692	75	17	600			
4011 IRON AND STEEL SCRAP	80,560		80,530				
4012 NONFERROUS METAL SCRAP	831		681			150	
4022 TEXTILE WASTE, SCRAP, SWEEP	16		16				
4024 PAPER WASTE AND SCRAP	10,328		10,328				
4112 COMMODITIES, NEC	454	44	10	400			
TOTAL TON-MILES, 1,951,698,142.							

## ARACIBO HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR. CONTROLLING DEPTH: 24.7 FEET AT THE OCEAN ENTRANCE; 16.1 FEET IN THE INNER FLARE. PROJECT DEPTH: 25 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	17,902	1976-----	217,859
1972-----	32,514	1977-----	208,750
1973-----	76,027	1978-----	294,182
1974-----	208,556	1979-----	238,140
1975-----	189,301	1980-----	282,703

## FREIGHT TRAFFIC, 1980

DOMESTIC  
 (SHORT TONS)

COMMODITY	INTRATERR.	SHIPMENTS
4029 WASTE AND SCRAP, NEC-----		282,703

## SAN JUAN HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR. CONTROLLING DEPTH: 33.0 FEET IN ENTRANCE CHANNEL TO BEND, THENCE 34.5 FEET TO MANEUVERING AREA; 31.8 FEET IN ARMY TERMINAL CHANNEL AND TURNING BASIN; AND PROJECT DEPTHS IN ALL OF THE MANEUVERING AND ANCHORAGE AREAS AND OTHER CHANNEL. PROJECT DEPTH: 38 FEET IN ENTRANCE CHANNEL, THENCE 36 FEET TO AND INCLUDING ARMY TERMINAL CHANNEL, TURNING BASIN, AND NEW ANCHORAGE; 35 FEET IN SAN ANTONIO CHANNEL AND APPROACH, 30 FEET IN CHANNEL FROM INNER HARBOR TO GRAVING DOCK WITH TURNING BASIN; 32 FEET IN PUERTO NUEVO CHANNEL FROM ARMY TERMINAL BASIN TO GRAVING DOCK BASIN; AND A 36-FOOT DEPTH ANCHORAGE OFF ISLA GRANDE. APPROXIMATE LENGTHS: ENTRANCE CHANNEL TO BEND, 0.4 MILE; THENCE 0.7 MILE TO INNER HARBOR; INNER HARBOR, 1.8 MILES; SAN ANTONIO CHANNEL, 0.6 MILE; GRAVING DOCK CHANNEL, 1.1 MILE; GRAVING DOCK TURNING BASIN, 0.6 MILE; ARMY TERMINAL CHANNEL, 1.2 MILES; ARMY TERMINAL TURNING BASIN, 0.3 MILE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS FROM AND TO PORTS OUTSIDE OF PUERTO RICO	YEAR	TONS	PASSENGERS FROM AND TO PORTS OUTSIDE OF PUERTO RICO
1971-----	9,353,649	71,577	1976-----	9,321,313	938,285
1972-----	9,527,784	100,815	1977-----	9,400,996	37,172
1973-----	10,773,248	16,273	1978-----	10,147,787	171,830
1974-----	11,904,889	98,274	1979-----	10,122,084	
1975-----	10,522,051	57,743	1980-----	10,047,394	

\* REVISED.

## FREIGHT TRAFFIC, 1980

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTRATERRITORY RECEIPTS	INTRATERRITORY SHIPMENTS
TOTAL-----	10,087,374	3,725,150	470,578	4,402,553	1,209,920	638,128	134,209
0101 COTTON, RAW-----	4,344		153	4,191			
0102 BARLEY AND RYE-----	23		17	6			
0103 CORN-----	248,076	19,782	595	227,649			

SAN JUAN HARBOR, P. R.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTRA-TERRITORY	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
0104 OATS-----	75		75					
0105 RICE-----	64,797	24	4,893	56,347	566		2,967	
0106 SORGHUM GRAINS-----	115			115				
0137 WHEAT-----	95,836		20	95,816				
0111 SOYBEANS-----	2,836		33	2,803				
0119 OILSEEDS, NEC-----	4,597	176	970	3,438	13			
0121 TOBACCO, LEAF-----	15,335	8,790	1,851	1,325	3,369			
0122 HAY AND FODDER-----	116			113	1			2
0129 FIELD CROPS, NEC-----	5,607	2	112	102	5,391			
0131 FRESH FRUITS AND TREE NUTS-----	21,107	4,491	5,774	175	2,849		7,818	
0132 BANANAS AND PLANTAINS-----	13		9					4
0133 COFFEE-----	46,905	16,317	13	484	30,091			
0134 COCOA BEANS-----	15,165	2,329		22	12,814			
0141 FRESH AND FROZEN VEGETABLES-----	166,081	14,553	9,586	130,266	3,848		7,828	
0151 LIVE ANIMALS-----	75		42	21				12
0161 ANIMALS AND PRODUCTS, NEC-----	20,732	3	1,685	19,044				
0191 MISCELLANEOUS FARM PRODUCTS-----	1,234	62	160	200	812			
0841 CRUDE RUBBER AND ALLIED GUMS-----	5,924		1,240	4,679	5			
0861 FOREST PRODUCTS, NEC-----	3,343	1,226	112	2,005				
0911 FRESH FISH, EXCEPT SHELLFISH-----	8,219	4,049	116	3,360	694			
0912 SHELLFISH, EXCEPT PREPARED-----	2,547	296	389	40	1,822			
0931 MARINE SHELLS, UNMANUFACTURED-----	44			44				
1011 IRON ORE AND CONCENTRATES-----	101			101				
1051 ALUMINUM ORES, CONCENTRATES-----	7,903	7,903						
1091 NONFERROUS ORES, CONCENT, NEC-----	175	66	62	47				
1121 COAL AND LIGNITE-----	52			52				
1311 CRUDE PETROLEUM-----	1,672,041	1,672,041						
1411 LIMESTONE-----	33,396	32,457	660	279				
1412 BUILDING STONE, UNWORKED-----	372		21	351				
1442 SAND, GRAVEL, CRUSHED ROCK-----	6,642	64	1,171	5,407				
1451 CLAY-----	4,240	1	2,237	1,979	23			
1479 NATURAL FERTILIZER MATS, NEC-----	51	51						
1492 SULPHUR, DRY-----	645		582	52	11			
1494 GYPSUM, CRUDE AND PLASTERS-----	2,652			1,084	1,568			
1499 NONMETALLIC MINERALS, NEC-----	15,199	106	2,911	12,100	77			3
1911 ORDNANCE AND ACCESSORIES-----	1,026	4	28	84	910			
2011 MEAT, FRESH, CHILLED, FROZEN-----	132,417	18,286	16,897	83,487	1,397		12,350	
2012 MEAT AND PRODUCTS, NEC-----	97,270	9,351	2,194	85,671	54			
2014 TALLOW, ANIMAL FATS AND OILS-----	20,301		952	18,386	963			
2015 ANIMAL BY-PRODUCTS, NEC-----	10,535		1,120	7,994	1,421			
2021 DAIRY PRODUCTS, NEC-----	24,554	62	2,433	21,809	250			
2022 DRIED MILK AND CREAM-----	41,315	11	4,436	36,029	839			
2031 FISH AND SHELLFISH, PREPARED-----	108,625	2,071	1,288	8,258	97,008			
2034 VEGETABLES AND PREP, NEC-----	54,058	16,490	11,390	25,592	523		63	
2039 PREP FRUIT AND VEG JUICE, NEC-----	76,621	12,623	13,114	37,474	13,367	16	27	
2041 WHEAT FLOUR AND SEMOLINA-----	20,083		5,118	14,930	25		10	
2042 PREPARED ANIMAL FEEDS-----	111,979	33,365	10,023	54,228	12,945	40	1,378	
2049 GRAIN MILL PRODUCTS, NEC-----	105,482	4,548	12,395	86,564	348		1,627	
2061 SUGAR-----	21,993		6,046	14,336	250		1,361	
2062 MOLASSES-----	191,758	188,843	1,192	1,701	22			
2081 ALCOHOLIC BEVERAGES-----	267,488	3,459	6,297	163,145	83,015	3,878	7,694	
2091 VEGETABLE OILS, MARG, SHORT-----	20,328	1,937	3,177	15,148	42		4	
2092 ANIMAL OILS AND FATS, NEC-----	52		52					
2094 GROCERIES-----	5,201			5,033				168
2099 MISCELLANEOUS FOOD PRODUCTS-----	413,727	17,304	17,601	323,173	47,375	4	8,270	
2111 TOBACCO MANUFACTURES-----	11,256	84	485	3,613	7,074			
2211 BASIC TEXTILE PRODUCTS-----	31,042	2,631	7,304	16,237	4,569	277	24	
2212 TEXTILE FIBERS, NEC-----	5,614	169	36	505	1,952	1,669	1,283	
2311 APPAREL-----	125,393	1,926	3,198	76,548	43,694		27	
2411 LOGS-----	349		174	146			29	
2413 FUEL WOOD, CHARCOAL, WASTES-----	990	23	110	856			1	
2414 TIMBER, POSTS, POLES, PILING-----	13,677	52	396	12,980	222	26	1	
2416 WOOD CHIPS, STAVES, MOLTINGS-----	7	7						
2421 LUMBER-----	155,191	94,697	8,036	51,464			994	
2431 VENEER, PLYWOOD, WORKED WOOD-----	64,439	25,662	2,254	36,075	40		408	
2491 WOOD MANUFACTURES, NEC-----	35,791	6,559	2,290	25,568	1,368		6	
2511 FURNITURE AND FIXTURES-----	58,427	7,208	1,389	43,543	253	964	10,070	
2611 PULP-----	1,484		924	560				
2621 STANDARD NEWSPRINT PAPER-----	23,382			23,382				
2631 PAPER AND PAPERBOARD-----	123,220	39,067	26,192	57,935	26			
2691 PULP AND PAPER PRODUCTS, NEC-----	140,934	1,474	11,260	141,166	5,954		1,080	
2711 PRINTED MATTER-----	11,832	1,007	1,144	5,366	4,314		1	
2810 SODIUM HYDROXIDE-----	121			121				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	269		15	254				
2812 DYES, PIGMENTS, TANNING MATS-----	4,699		228	473	3,998			
2813 ALCOHOLS-----	10,696		12	9,842	837		5	
2816 RADIOACTIVE MATERIALS, WASTES-----	284			284				
2818 SULPHURIC ACID-----	3,765			709	1,119		1,937	
2819 BASIC CHEMICALS AND PROD, NEC-----	121,949	1,823	12,176	89,823	17,001	3	1,143	
2821 PLASTIC MATERIALS-----	76,410	1,266	27,382	42,723	5,032		7	
2822 SYNTHETIC RUBBER-----	1,608		665	915	28			
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,093		595	1,500	8			
2831 DRUGS-----	29,226	276	1,487	11,836	14,708	153	746	
2841 SOAP-----	114,606	889	5,863	66,278	40,418	6	1,152	
2851 PAINTS-----	23,249	1,804	3,432	13,818	573		3,622	
2861 GUM AND WOOD CHEMICALS-----	712		67	624	41			
2871 NITROGENOUS CHEM FERTILIZERS-----	22,873	594	326	21,823	60			
2872 POTASSIUM CHEM FERTILIZERS-----	6,643		44	6,599				
2873 PHOSPHATIC CHEM FERTILIZERS-----	2,332	22	181	2,099				
2874 INSECTICIDES, DISINFECTANTS-----	9,334	569	907	7,711	117			
2879 FERTILIZER AND MATERIALS, NEC-----	5,146		421	4,722			3	
2891 MISCELLANEOUS CHEMICAL PROD-----	15,759	148	5,447	9,330	833		1	
2911 GASOLINE-----	559,998	467,133	609	43,899	40	41,623	6,694	
2912 JET FUEL-----	172,065					172,065		

## JACKSONVILLE, FLA., DISTRICT

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SAN JUAN HARBOR, P. R.--CONTINUED

FREIGHTY TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTRATERRITORY		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2913 KEROSENE-----	581					581		
2914 DISTILLATE FUEL OIL-----	303,655	661		68	241,607	61,319		
2915 RESIDUAL FUEL OIL-----	726,185			283,427	87,742	348,184		6,652
2916 LUBRICATING OILS AND GREASES-----	70,104	36,715	5,393	27,883	110		3	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	10,763			3,828	69		6,846	
2918 ASPHALT, TAR, AND BITUMENS-----	110,189	103,733	1,637	1,467	3,352			
2920 COKE, PETROLEUM COKE-----	1,577			936				
2921 LIQUEFIED GASES-----	16,208	11,165	279	4,742	22			
2951 ASPHALT BUILDING MATERIALS-----	8,349		1,072	7,184	86		7	
2991 PETROLEUM AND COAL PROD, NEC-----	6,781		450	6,364	267			
3011 RUBBER AND MISC PLASTIC PROD-----	73,045	4,107	5,234	57,591	5,783		330	
3111 LEATHER AND LEATHER PRODUCTS-----	25,957	3,439	1,391	1,871	19,238	1	17	
3211 GLASS AND GLASS PRODUCTS-----	70,367	908	13,234	54,039	2,174		12	
3241 BUILDING CEMENT-----	28,945	19,057	987	8,478	23		400	
3251 STRUCTURAL CLAY PRODUCTS-----	43,715	24,395	2,253	16,893	174			
3271 LIME-----	2,871	60		2,810	1			
3281 CUT STONE AND STONE PRODUCTS-----	1,615	922	18	675				
3291 MISC NONMETALLIC MINERAL PROD-----	43,284	5,240	4,328	11,035	834	19	21,828	
3312 SLAG-----	1,706			1,576	130			
3314 IRON AND STEEL PRIMARY FORMS-----	12,628	318	12	12,298				
3315 IRON, STEEL SHAPES, EXC SHEET-----	165,132	131,705	2,445	28,408	518		2,056	
3316 IRON AND STEEL PLATES, SHEETS-----	12,799		3,533	9,206			80	
3317 IRON AND STEEL PIPE AND TUBE-----	56,089	13,085	1,244	35,795	5,965			
3318 FERROALLOYS-----	692	282	2	342	66			
3319 IRON AND STEEL PRODUCTS, NEC-----	15,760	3,745	940	10,749	286			
3321 NONFERROUS METALS, NEC-----	42,077	28	733	40,769	577			
3322 COPPER ALLOYS, UNWORKED-----	2,633	198	333	1,998	102		2	
3323 LEAD AND ZINC, UNWORKED-----	2,244	41	360	1,771	72			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	21,583	2,117	5,264	13,833	367		2	
3411 FABRICATED METAL PRODUCTS-----	165,694	12,552	17,330	118,116	15,042	31	2,573	
3511 MACHINERY, EXCEPT ELECTRICAL-----	65,634	4,968	11,760	34,945	12,948	934	59	
3611 ELECTRICAL MACH AND EQUIP-----	280,487	5,454	17,389	212,910	42,967	1	1,765	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	190,283	72,279	5,594	91,589	13,665	1,903	5,253	
3721 AIRCRAFT AND PARTS-----	17	5	7		5			
3731 SHIPS AND BOATS-----	737	15	88	609	25			
3791 MISC TRANSPORTATION EQUIPMENT-----	4,463	2	1,279	480	2,134	567	1	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	15,109	120	1,108	911	12,969		1	
3911 MISC MANUFACTURED PRODUCTS-----	32,164	5,105	1,353	14,870	10,835		1	
4011 IRON AND STEEL SCRAP-----	16,957	2,929	52	1,271	11,555	1,150		
4012 NONFERROUS METAL SCRAP-----	17,730	777	5,031	12	11,910			
4022 TEXTILE WASTE, SCRAP, SWEEP-----	25,090	345	1,692	1,031	22,002			
4024 PAPER WASTE AND SCRAP-----	78,676	14	77,790	500	372			
4029 WASTE AND SCRAP, NEC-----	6,673				6,673			
4111 WATER-----	61			61				
4112 COMMODITIES, NEC-----	1,100,446	15,411	1,798	871,586	194,785	2,714	12,152	
4119 EMPTY CONTAINERS-----	1,548			97	1,451			
9999 DEPARTMENT OF DEFENSE AND SCI-----	18		18					

PONCE HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR, CONTROLLING DEPTH: 29 FEET IN THE MUNICIPAL BULKHEAD PROJECT AREA TO ABOUT 300 FEET FROM EASTERLY LIMIT; THENCE 26 FEET TO EASTERLY LIMIT, 29 FEET IN APPROACHES TO MUNICIPAL PIER; THENCE SLOPING TO 18 FEET ON EAST SIDE AND TO 13 FEET ON WEST SIDE; 18 FEET IN WESTERN PART OF 18-FOOT PROJECT AREA, THENCE SLOPING TO 4 FEET AT EASTERLY LIMIT; PROJECT DEPTH: 39 AND 18 FEET IN AREAS INCLUDING 95 AND 47 ACRES, RESPECTIVELY, ALONG THE MUNICIPAL BULKHEAD WHARF; AND 30 FEET FOR AREA CHANNELWARD OF MUNICIPAL PIER. BULKHEAD WHARF 30-FOOT PROJECT AREA ABOUT 0.6 MILE LONG.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	353,429	778	1976-----	447,137	
1972-----	736,691	265	1977-----	368,161	
1973-----	515,617	93	1978-----	911,374	
1974-----	980,508		1979-----	479,548	
1975-----	586,400		1980-----	1,145,325	

FREIGHTY TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE	INTRATERRITORY	
				RECEIPTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,145,325	923,346	142,852	25,728	21,810	31,580
0101 COTTON, RAW-----	8		8			
0102 BARLEY AND RYE-----	67		67			
0104 OATS-----	63		63			
0105 RICE-----	14,447	110		14,337		
0119 OILSEEDS, NEC-----	5		5			
0121 TOBACCO, LEAF-----	4,579	4,496	483			
0129 FIELD CROPS, NEC-----	20		20			
0133 COFFEE-----	273		273			
0134 COCOA BEANS-----	1,282		1,282			
0141 FRESH AND FROZEN VEGETABLES-----	1,015	221	641	151		
0161 ANIMALS AND PRODUCTS, NEC-----	47	6	41			
0191 MISCELLANEOUS FARM PRODUCTS-----	32		32			

PONCE HARBOR, P. R.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTRATERRITORY RECEIPTS	SHIPMENTS
0861 FOREST PRODUCTS, NEC	29		29			
0911 FRESH FISH, EXCEPT SHELLFISH	59,091	41,337			17,754	
0912 SHELLFISH, EXCEPT PREPARED	1		1			
1011 IRON ORE AND CONCENTRATES	32		32			
1021 COPPER ORE AND CONCENTRATES	4		4			
1091 NONFERROUS ORES, CONCENT, NEC	69		69			
1311 CRUDE PETROLEUM	209,982	209,543	439			
1411 LIMESTONE	47,585	47,504	81			
1442 SAND, GRAVEL, CRUSHED ROCK	52		52			
1451 CLAY	203		203			
1471 PHOSPHATE ROCK	176		176			
1492 SULPHUR, DRY	1,376		1,376			
1499 NONMETALLIC MINERALS, NEC	3,280	2,839	441			
2011 MEAT, FRESH, CHILLED, FROZEN	1,202	1,095	107			
2012 MEAT AND PRODUCTS, NEC	2,327	2,264	63			
2014 TALLOW, ANIMAL FATS AND OILS	2,542		4	2,538		
2015 ANIMAL BY-PRODUCTS, NEC	3	3				
2021 DAIRY PRODUCTS, NEC	1,065	882	183			
2022 DRIED MILK AND CREAM	3,721	1,080	2,641			
2031 FISH AND SHELLFISH, PREPARED	583	237	346			
2034 VEGETABLES AND PREP, NEC	2,390	1,116	310	964		
2039 PREP FRUIT AND VEG JUICE, NEC	3,265	9	3,256			
2041 WHEAT FLOUR AND SEMOLINA	150		100	50		
2042 PREPARED ANIMAL FEEDS	11,178	34	11,144			
2049 GRAIN MILL PRODUCTS, NEC	3,455	948	2,059		448	
2061 SUGAR	99	95	4			
2062 MOLASSES	14,691	14,691				
2081 ALCOHOLIC BEVERAGE	8,304	4,907	3,397			
2091 VEGETABLE OILS, MARG, SHORT	3,303	4	696	2,603		
2092 ANIMAL OILS AND FATS, NEC	562	36	526			
2099 MISCELLANEOUS FOOD PRODUCTS	4,023	738	3,285			
2111 TOBACCO MANUFACTURES	66	16	50			
2211 BASIC TEXTILE PRODUCTS	1,505	65	1,421	19		
2311 APPAREL	1,462	38	1,424			
2413 FUEL WOOD, CHARCOAL, WASTES	2	2				
2414 TIMBER, POSTS, POLES, PILING	44			44		
2421 LUMBER	5,845	5,036		809		
2431 VENEER, PLYWOOD, WORKED WOOD	1,946	42	6	1,898		
2491 WOOD MANUFACTURES, NEC	470	190	207	73		
2511 FURNITURE AND FIXTURES	296	161	131	4		
2631 PAPER AND PAPERBOARD	1,404	649	479	276		
2691 PULP AND PAPER PRODUCTS, NEC	4,615	51	4,564			
2711 PRINTED MATTER	213	139	74			
2812 DYES, PIGMENT, TANNING MATS	2		2			
2813 ALCOHOLS	424		424			
2819 BASIC CHEMICALS AND PROD, NEC	17,680	1,676	16,004			
2821 PLASTIC MATERIALS	2,084	464	1,620			
2823 SYNTHETIC (MAN-MADE) FIBERS	159		159			
2831 DRUGS	4,992	462	4,530			
2841 SOAP	695	408	287			
2851 PAINTS	1,729	1,216	513			
2861 GUM AND WOOD CHEMICALS	1	1				
2873 PHOSPHATIC CHEM FERTILIZERS	3		3			
2876 INSECTICIDES, DISINFECTANTS	8		8			
2891 MISCELLANEOUS CHEMICAL PROD	513	86	427			
2911 GASOLINE	20,589	20,457	132			
2915 RESIDUAL FUEL OIL	1			1		
2916 LUBRICATING OILS AND GREASES	410,427	409,647	129	651		
2917 NAPHTHA, PETROLEUM SOLVENTS	30			30		
2918 ASPHALT, TAR, AND PITCHES	20		20			
2921 LIQUEFIED GASES	19,088	19,085	3			
2951 ASPHALT BUILDING MATERIALS	159		159			
2991 PETROLEUM AND COAL PROD, NEC	86	22	60	4		
3011 RUBBER AND MISC PLASTIC PROD	1,831	277	1,359	195		
3111 LEATHER AND LEATHER PRODUCTS	240	20	220			
3211 GLASS AND GLASS PRODUCTS	937	513	424			
3241 BUILDING CEMENT	47,596	175	23,380		133	23,708
3251 STRUCTURAL CLAY PRODUCTS	1,628	809	1,018	1		
3271 LIME	7,075		1,994			5,081
3281 CUT STONE AND STONE PRODUCTS	44		44			
3291 MISC NONMETALLIC MINERAL PROD	765	95	670			
3314 IRON AND STEEL PRIMARY FORMS	154		66	38		
3319 IRON, STEEL SHAPES, EXC SHEET	8,134	8,115	19			
3316 IRON AND STEEL PLATES, SHEETS	915		914	1		
3317 IRON AND STEEL PIPE AND TUBE	4,268	68	4,200			
3318 FERROALLOYS	23			23		
3319 IRON AND STEEL PRODUCTS, NEC	6,004	5,972	32			
3321 NONFERROUS METALS, NEC	899	1	898			
3322 COPPER ALLOYS, UNWORKED	366	288	78			
3323 LEAD AND ZINC, UNWORKED	16		16			
3324 ALUMINUM AND ALLOYS, UNWORKED	757	69	688			
3411 FABRICATED METAL PRODUCTS	6,210	2,135	3,984	91		
3511 MACHINERY, EXCEPT ELECTRICAL	4,048	1,261	2,038	769		
3611 ELECTRICAL MACH AND EQUIP	3,415	207	3,050	157		
3711 MOTOR VEHICLES, PARTS, EQUIP	5,839	537	5,302			1
3721 AIRCRAFT AND PARTS	1	1				
3731 SHIPS AND BOATS	8		7			
3791 MISC TRANSPORTATION EQUIPMENT	2,766		75	1		2,690
3811 INSTR, TIME, PHOTO, OPT PROD	830	130	700			
3911 MISC MANUFACTURED PRODUCTS	5,880	151	5,699			
4011 IRON AND STEEL SCRAP	583		583			
4012 NONFERROUS METAL SCRAP	11,799		11,799			
4022 TEXTILE WASTE, SCRAP, SWEEP	29		29			
4024 PAPER WASTE AND SCRAP	5,558		5,558			

## JACKSONVILLE, FLA., DISTRICT

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PONCE HARBOR, P. R.--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTRATERRITORY RECEIPTS	SHIPMENTS
4112 COMMODITIES, NEC-----	113,299	108,731	1,044	-----	3,484	-----
4119 EMPTY CONTAINERS-----	100	-----	-----	-----	-----	100
9999 DEPARTMENT OF DEFENSE AND SCI-----	39	-----	39	-----	-----	-----

## MAYAGUEZ HARBOR, P. R.

SECTION INCLUDED: ENTIRE HARBOR, CONTROLLING DEPTH: 30 FEET IN THE APPROACH CHANNEL; 19.1 FEET IN THE TERMINAL CHANNEL WITH SHOALING LIMITING DEPTH TO 15.2 AND 10.0 FEET IN THE OUTSIDE QUARTERS. PROJECT DEPTH: 30 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	209,616	-----	1976-----	314,596	-----
1972-----	264,583	-----	1977-----	324,321	-----
1973-----	344,586	-----	1978-----	335,268	-----
1974-----	308,156	-----	1979-----	364,915	-----
1975-----	292,635	-----	1980-----	386,669	-----

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTRATERRITORY	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	386,669	176,165	1,355	82,601	6,934	101,860	17,754
0103 CORN-----	29,020	-----	-----	29,020	-----	-----	-----
0105 RICE-----	14,053	-----	7	14,046	-----	-----	-----
0121 TOBACCO, LEAF-----	76	76	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	204	-----	-----	204	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	155,543	137,789	-----	-----	-----	-----	17,754
0912 SHELLFISH, EXCEPT PREPARED-----	1	1	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	3,142	3,142	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	2,296	-----	-----	2,296	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	241	241	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	1,303	-----	-----	1,303	-----	-----	-----
2042 PREPARED ANIMAL FEEDS-----	14,472	10,031	-----	4,441	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	16,417	-----	-----	16,417	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	6,942	8	-----	-----	6,934	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	8,807	-----	324	8,483	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	55	55	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	3	-----	3	-----	-----	-----	-----
2421 LUMBER-----	1,199	-----	-----	1,199	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,389	-----	-----	1,389	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	74	-----	-----	74	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	129	-----	-----	129	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	15	-----	15	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	22	-----	19	3	-----	-----	-----
2841 SOAP-----	2	-----	2	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	17,692	17,692	-----	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	7,110	7,110	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	1	-----	1	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	6	-----	-----	6	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	96,501	-----	-----	-----	-----	96,501	-----
2915 RESIDUAL FUEL OIL-----	5,359	-----	-----	-----	-----	5,359	-----
2916 LUBRICATING OILS AND GREASES-----	117	-----	117	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	2	-----	1	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	15	15	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	77	-----	-----	77	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	351	-----	-----	351	-----	-----	-----
3318 FERROALLOYS-----	2,161	-----	-----	2,161	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	184	-----	-----	184	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,554	-----	772	782	-----	-----	-----
3911 MACHINERY, EXCEPT ELECTRICAL-----	105	-----	90	15	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	25	-----	4	21	-----	-----	-----
4112 COMMODITIES, NEC-----	4	4	-----	-----	-----	-----	-----

## ST. THOMAS HARBOR, V. I.

SECTION INCLUDED: ENTIRE HARBOR, CONTROLLING DEPTH: 34 FEET IN THE ENTRANCE CHANNEL; 23 FEET OVER SCORPION ROCK; 33 FEET IN THE SOUTHERLY PORTION OF THE ANCHORAGE AREA, THENCE GRADUALLY SLOPING TO 16 FEET AT THE LIMIT LINES IN THE NORTHERLY PORTION. PROJECT DEPTH: 36 FEET IN THE ENTRANCE CHANNEL; 33 FEET IN THE ANCHORAGE AREA; APPROXIMATE LENGTHS: ENTRANCE CHANNEL, 0.6 MILE; ANCHORAGE AREA, 0.6 MILE, VARYING IN WIDTH FROM 1,600 TO 3,650 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	488,800	203,716	1976-----	380,686	391,462
1972-----	377,913	275,649	1977-----	349,975	334,890
1973-----	392,020	380,791	1978-----	380,361	611,627
1974-----	371,766	379,985	1979-----	401,505	728
1975-----	350,834	327,736	1980-----	415,012	986

## ST. THOMAS HARBOR, V. I.--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	415,012	75,004	5,805	293,128	40,275	800
0104 OATS-----	1		1			
0105 RICE-----	1,669		40	1,629		
0121 TOBACCO, LEAF-----	3,907	3,907				
0122 HAY AND FODDER-----	2			2		
0131 FRESH FRUITS AND TREE NUTS-----	4,333	399	28	3,906		
0132 BANANAS AND PLANTAINS-----	4			4		
0141 FRESH AND FROZEN VEGETABLES-----	3,982	54	20	3,908		
0151 LIVE ANIMALS-----	13		1	12		
0161 ANIMALS AND PRODUCTS, NEC-----	28	3	25			
0191 MISCELLANEOUS FARM PRODUCTS-----	6	6				
0911 FRESH FISH, EXCEPT SHELLFISH-----	74	70	4			
0912 SHELLFISH, EXCEPT SHELLFISH-----	16	14	2			
1121 COAL AND LIGNITE-----	7					
1411 LIMESTONE-----	1	1				
1442 SAND, GRAVEL, CRUSHED ROCK-----	31,903	31,553	350			
1499 NONMETALLIC MINERALS, NEC-----	3			3		
1911 ORDNANCE AND ACCESSORIES-----	9	9				
2011 MEAT, FRESH, CHILLED, FROZEN-----	6,038	69	184	5,785		
2012 MEAT AND PRODUCTS, NEC-----	137	109	28			
2021 DAIRY PRODUCTS, NEC-----	30	25	5			
2022 DRIED MILK AND CREAM-----	2,436	2,271	165			
2031 FISH AND SHELLFISH, PREPARED-----	142	142				
2034 VEGETABLES AND PREP, NEC-----	168	23	107	38		
2039 PREP FRUIT AND VEG JUICE, NEC-----	94	56	11	27		
2041 WHEAT FLOUR AND SEMOLINA-----	13		3	10		
2042 PREPARED ANIMAL FEEDS-----	731	5	4	722		
2049 GRAIN MILL PRODUCTS, NEC-----	716	70	65	581		
2061 SUGAR-----	762	4	85	673		
2081 ALCOHOLIC BEVERAGES-----	13,278	6,672	929	3,834	1,843	
2091 VEGETABLE OILS, MARG, SHORT-----	3	2	1			
2092 ANIMAL OILS AND FATS, NEC-----	3					
2094 GROCERIES-----	419			114	305	
2099 MISCELLANEOUS FOOD PRODUCTS-----	7,313	1,653	1,441	4,185	34	
2111 TOBACCO MANUFACTURES-----	24	23	1			
2211 BASIC TEXTILE PRODUCTS-----	267	140	5	19	103	
2212 TEXTILE FIBERS, NEC-----	1,461			649	816	
2311 APPAREL-----	112	78	9	29		
2411 LOGS-----	39		10	29		
2413 FUEL WOOD, CHARCOAL, WASTES-----	2	1		1		
2414 TIMBER, POSTS, POLES, PILING-----	27	1			26	
2421 LUMBER-----	1,486	547	444	495		
2431 VENEER, PLYWOOD, WORKED WOOD-----	691	292	43	356		
2491 WOOD MANUFACTURES, NEC-----	55	49	1	5		
2511 FURNITURE AND FIXTURES-----	5,443	60	77	4,789	521	
2631 PAPER AND PAPERBOARD-----	105	98	7			
2691 PULP AND PAPER PRODUCTS, NEC-----	511		9	502		
2711 PRINTED MATTER-----	11	2	8	1		
2813 ALCOHOLS-----	5			5		
2818 SULPHURIC ACID-----	1,019			1,019		
2819 BASIC CHEMICALS AND PROD, NEC-----	581		11	570		
2821 PLASTIC MATERIALS-----	7	2	4	1		
2831 DRUGS-----	545	14	13	434	84	
2841 SOAP-----	813	207	50	556		
2851 PAINTS-----	1,869	12	6	1,851		
2876 INSECTICIDES, DISINFECTANTS-----	4	4				
2891 MISCELLANEOUS CHEMICAL PROD-----	30	25	4	1		
2911 GASOLINE-----	94,866	12,757		52,765	29,344	
2914 DISTILLATE FUEL OIL-----	56,972		2	56,626	344	
2915 RESIDUAL FUEL OIL-----	100,763			100,763		
2916 LUBRICATING OILS AND GREASES-----	93		12	3	78	
2918 ASPHALT, TAP, AND PITCHES-----	15		15			
2921 LIQUEFIED GASES-----	240				240	
2951 ASPHALT BUILDING MATERIALS-----	11		4	7		
3011 RUBBER AND MISC PLASTIC PROD-----	211	26	47	138		
3111 LEATHER AND LEATHER PRODUCTS-----	73	52	4	17		
3211 GLASS AND GLASS PRODUCTS-----	170	111	47	12		
3241 BUILDING CEMENT-----	18,024	9,253	252	8,519		
3251 STRUCTURAL CLAY PRODUCTS-----	645	825	20			
3281 CUT STONE AND STONE PRODUCTS-----	12	12				
3291 MISC NONMETALLIC MINERAL PROD-----	17,695	153	3	17,520	19	
3314 IRON AND STEEL PRIMARY FORMS-----	332					
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,383	269	10	1,104		
3316 IRON AND STEEL PLATES, SHEETS-----	61		6	55		
3317 IRON AND STEEL PIPE AND TUBE-----	111	46	65			
3322 COPPER ALLOYS, UNWORKED-----	1		1			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2		1	1		
3411 FABRICATED METAL PRODUCTS-----	4,030	187	166	1,288	2,389	
3511 MACHINERY, EXCEPT ELECTRICAL-----	704	119	78	59	448	
3611 ELECTRICAL MACH AND EQUIP-----	1,594	623	70	901		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5,581	1,122	598	2,764	1,097	
3731 SHIPS AND BOATS-----	68	56	12			
3791 MISC TRANSPORTATION EQUIPMENT-----	572		4	1	567	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	58	56	2			
3911 MISC MANUFACTURED PRODUCTS-----	174	142	10		22	
4011 IRON AND STEEL SCRAP-----	666				666	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	2		2			
4024 PAPER WASTE AND SCRAP-----	149		149			
4111 WATER-----	11,130			10,330		800
4112 COMMODITIES, NEC-----	5,056	181	24	3,522	1,329	

## JACKSONVILLE, FLA., DISTRICT

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CHRISTIANSTED HARBOR, ST. CROIX, V. I.

SECTION INCLUDED: FROM 16-FOOT DEPTH IN CARIBBEAN SEA AN APPROACH CHANNEL APPROXIMATELY 1 1/4 MILES LONG INCLUDING A TURNING BASIN 900 FEET LONG IN GALLONS BAY AT THE SITE OF THE DEEPWATER TERMINAL, AND THENCE TO AND ALONG THE WATERFRONT AT CHRISTIANSTED, CONTROLLING DEPTH: 16 FEET IN APPROACH CHANNEL AND TURNING BASIN; 8 FEET ALONG WATERFRONT; PROJECT DEPTH: 16 FEET IN APPROACH CHANNEL AND TURNING BASIN.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	316,637	3,566	1976-----	582,618	1,546
1972-----	298,727	2,247	1977-----	338,801	2,157
1973-----	402,122	9,970	1978-----	332,819	9,813
1974-----	542,722	-----	1979-----	648,729	-----
1975-----	473,127	4,161	1980-----	686,867	-----

NOTE: PASSENGER TOTALS ABOVE CONSISTS OF PASSENGERS FROM AND TO PORTS OUTSIDE OF VIRGIN ISLANDS.

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	686,867	501,672	26,356	151,659	7,180
0103 CORN-----	1	1	-----	-----	-----
0105 RICE-----	1,338	-----	-----	1,338	-----
0121 TOBACCO, LEAF-----	642	642	-----	-----	-----
0129 FIELD CROPS, NEC-----	3	3	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	4,306	394	-----	3,912	-----
0141 FRESH AND FROZEN VEGETABLES-----	3,973	53	-----	3,920	-----
0161 ANIMALS AND PRODUCTS, NEC-----	13	13	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	38	38	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	11	11	-----	-----	-----
1121 COAL AND LIGNITE-----	4	4	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	7,699	598	7,101	-----	-----
1911 ORDNANCE AND ACCESSORIES-----	3	-----	3	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	6,602	37	-----	6,565	-----
2012 MEAT AND PRODUCTS, NEC-----	68	68	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	4	4	-----	-----	-----
2022 DRIED MILK AND CREAM-----	1,368	1,368	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	110	110	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	47	22	-----	25	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	46	35	-----	-----	16
2042 PREPARED ANIMAL FEEDS-----	697	1	-----	696	40
2049 GRAIN MILL PRODUCTS, NEC-----	616	18	-----	598	-----
2061 SUGAR-----	722	34	-----	688	-----
2081 ALCOHOLIC BEVERAGES-----	6,139	1,923	321	3,860	2,035
2091 VEGETABLE OILS, MARG, SHORT-----	7	3	-----	4	-----
2092 ANIMAL OILS AND FATS, NEC-----	3	3	-----	-----	-----
2094 GROCERIES-----	54	-----	-----	54	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,740	684	20	4,032	4
2111 TOBACCO MANUFACTURES-----	2	2	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	870	587	104	5	174
2212 TEXTILE FIBERS, NEC-----	1,491	-----	-----	638	853
2311 APPAREL-----	47	45	-----	2	-----
2414 TIMBER, POSTS, POLES, PILING-----	1	-----	-----	1	-----
2421 LUMBER-----	686	316	5	365	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	198	174	-----	24	-----
2491 WOOD MANUFACTURES, NEC-----	43	37	6	-----	-----
2511 FURNITURE AND FIXTURES-----	5,802	37	1	5,283	481
2631 PAPER AND PAPERBOARD-----	21	19	2	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	578	5	2	571	-----
2711 PRINTED MATTER PRODUCTS-----	2	1	1	-----	-----
2818 SULPHURIC ACID-----	918	-----	-----	918	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	17,404	-----	16,828	573	3
2821 PLASTIC MATERIALS-----	21	15	-----	6	-----
2831 DRUGS-----	395	12	2	312	69
2841 SOAP-----	651	37	12	596	6
2851 PAINTS-----	2,246	479	-----	1,767	-----
2876 INSECTICIDES, DISINFECTANTS-----	1	1	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	3	-----	-----	3	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	22	22	-----	-----	-----
2911 GASOLINE-----	103,622	103,622	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	12,352	-----	-----	12,352	-----
2915 RESIDUAL FUEL OIL-----	219,310	152,983	-----	66,327	-----
2916 LUBRICATING OILS AND GREASES-----	222,205	222,205	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	766	-----	766	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	40	-----	40	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	301	76	35	190	-----
3111 LEATHER AND LEATHER PRODUCTS-----	69	68	-----	-----	1
3211 GLASS AND GLASS PRODUCTS-----	50	49	1	-----	-----
3241 BUILDING CEMENT-----	17,895	2,344	-----	15,418	133
3251 STRUCTURAL CLAY PRODUCTS-----	797	797	-----	-----	-----
3271 LIME-----	5,091	-----	-----	5,081	-----
3281 CUT STONE AND STONE PRODUCTS-----	5	5	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	3,616	39	160	3,417	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,825	1,825	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	8,424	7,462	35	931	-----
3316 IRON AND STEEL PLATES, SHEETS-----	46	-----	21	25	-----
3317 IRON AND STEEL PIPE AND TUBE-----	561	477	94	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	25	-----	26	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	2	-----	-----	2	-----
3323 LEAD AND ZINC, UNWORKED-----	99	99	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	72	64	3	1	-----
3411 FABRICATED METAL PRODUCTS-----	1,725	429	19	1,278	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,232	241	499	-----	492
3611 ELECTRICAL MACH AND EQUIP-----	1,033	63	93	866	1



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

CHRISTIANSTED HARBOR, ST. CROIX, V. I.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTRATERRITORY	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,530	838	192	2,497	1,003
3731 SHIPS AND BOATS-----	2	1	1	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,698	-----	8	2,690	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	19	15	3	1	-----
3911 MISC MANUFACTURED PRODUCTS-----	79	76	2	1	-----
4011 IRON AND STEEL SCRAP-----	484	-----	-----	-----	484
4022 TEXTILE WASTE, SCRAP, SWEEP-----	1	-----	1	-----	-----
4112 COMMODITIES, NEC-----	5,170	19	-----	3,766	1,385
4119 EMPTY CONTAINERS-----	100	-----	-----	100	-----

## JACKSONVILLE, FLA., DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ANCLOTE RIVER, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	403		
	0912 SHELLFISH, EXCEPT PREPARED-----	28		
	2095 ICE-----	135		
	TOTAL-----	566	5,094	30,000
CEDAR KEYS HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	344		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,416		
	2095 ICE-----	400		
	TOTAL-----	2,160	15,120	
CHANNEL FROM NAPLES TO GORDON PASS AND BIG MARCO PASS, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	983		
	0912 SHELLFISH, EXCEPT PREPARED-----	47		
	2095 ICE-----	2,597		
	TOTAL-----	3,627	42,252	8,688
CLEARWATER PASS, FLA.,-----	NO COMMERCE REPORTED			
CROSS-FLORIDA BARGE CANAL, FLA.,-----	NO COMMERCE REPORTED			
CRYSTAL RIVER, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	125		
	0912 SHELLFISH, EXCEPT PREPARED-----	590		
	1121 COAL AND LIGNITE-----	18,000		
	2095 ICE-----	75		
	TOTAL-----	18,790	169,110	
EVERGLADES HARBOR, COLLIER COUNTY, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	790		
	0912 SHELLFISH, EXCEPT PREPARED-----	51		
	2095 ICE-----	221		
	TOTAL-----	1,042	8,336	
FAJARDO HARBOR, P. R.,-----	0103 CORN-----	3		
	0105 RICE-----	260		
	0121 TOBACCO, LEAF-----	29		
	0131 FRESH FRUITS AND TREE NUTS-----	170		
	0141 FRESH AND FROZEN VEGETABLES-----	412		
	0161 ANIMALS AND PRODUCTS, NEC-----	9		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	1		
	2111 MEAT, FRESH, CHILLED, FROZEN-----	182		
	2112 MEAT AND PRODUCTS, NEC-----	63		
	2021 DAIRY PRODUCTS, NEC-----	1		
	2122 DRIED MILK AND CREAM-----	179		
	2031 FISH AND SHELLFISH, PREPARED-----	2		
	2034 VEGETABLES AND PREP, NEC-----	276		
	2139 PREP FRUIT AND VEG JUICE, NEC-----	62		
	2049 GRAIN MILL PRODUCTS, NEC-----	40		
	2061 SUGAR-----	262		
	2081 ALCOHOLIC BEVERAGES-----	35		
	2091 VEGETABLE OILS, MARG, SHORT-----	55		
	2199 MISCELLANEOUS FOOD PRODUCTS-----	74		
	2111 TOBACCO MANUFACTURES-----	1		
	2211 BASIC TEXTILE PRODUCTS-----	104		
	2311 APPAREL-----	28		
	2421 LUMBER-----	63		
	2431 VENEER, PLYWOOD, WORKED WOOD-----	2		
	2491 WOOD MANUFACTURES, NEC-----	5		
	2511 FURNITURE AND FIXTURES-----	7		
	2631 PAPER AND PAPERBOARD-----	37		
	2491 PULP AND PAPER PRODUCTS, NEC-----	200		
	2711 PRINTED MATTER-----	1		
	2819 BASIC CHEMICALS AND PROD, NEC-----	83		
	2821 PLASTIC MATERIALS-----	1		
	2831 DRUGS-----	8		
	2841 SOAP-----	9		
	2851 PAINTS-----	5		
	2876 INSECTICIDES, DISINFECTANTS-----	7		
	2891 MISCELLANEOUS CHEMICAL PROD-----	26		
	2911 GASOLINE-----	552		
	2912 JET FUEL-----	40,494		
	2914 DISTILLATE FUEL OIL-----	10,347		
	2915 KEROSENE FUEL OIL-----	44,202		
	2916 LUBRICATING OILS AND GREASES-----	23		
	2921 LIQUEFIED GASES-----	35		
	3011 RUBBER AND MISC PLASTIC PROD-----	44		
	3241 BUILDING CEMENT-----	150		
	3251 STRUCTURAL CLAY PRODUCTS-----	18		
	3315 IRON, STEEL SHAPES, EXC SHEET-----	35		
	3316 IRON AND STEEL PLATES, SHEETS-----	115		
	3317 IRON AND STEEL PIPE AND TUBE-----	1		
	3411 FABRICATED METAL PRODUCTS-----	76		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	24		
	3611 ELECTRICAL MACH AND EQUIP-----	32		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	8		
	3731 SHIPS AND BOATS-----	9		
	3791 MISC TRANSPORTATION EQUIPMENT-----	1		
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	2		
	4112 COMMODITIES, NEC-----	46,234		
	TOTAL-----	145,046		367,451
FORT MYERS BEACH, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,907		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,319		
	2095 ICE-----	10,151		
	2914 DISTILLATE FUEL OIL-----	8,106		

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
FORT MYERS BEACH, FLA. (CONTINUED)-----	3731 SHIPS AND BOATS-----	50	-----	-----
	TOTAL-----	31,072	62,144	-----
GUAYANES HARBOR, P. R.-----	NO COMMERCE REPORTED			
HOMOSASSA RIVER, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	659	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	152	-----	-----
	2095 ICE-----	105	-----	-----
	TOTAL-----	916	5,496	-----
HORSESHOE COVE, FLA.-----	0912 SHELLFISH, EXCEPT PREPARED-----	23	46	-----
HUDSON RIVER, FLA.-----	NO COMMERCE REPORTED			
JOHNS PASS, FLA.-----	NO COMMERCE REPORTED			
KISSIMHEE RIVER, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	13	78	-----
LITTLE MANATEE RIVER, FLA. (INCLUDED IN TRAFFIC OF TAMPA HARBOR, FLA.)-----	NO COMMERCE REPORTED			
LONGBOAT PASS, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	116	-----	-----
	2095 ICE-----	1,756	-----	-----
	TOTAL-----	1,872	-----	-----
MANATEE RIVER, FLA.-----				9,116
NEW PASS, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	13	-----	-----
	2095 ICE-----	12	-----	-----
	TOTAL-----	25	35	-----
PITHLACHASCOTEE RIVER, FLA.-----	NO COMMERCE REPORTED			
STEINMACHEE RIVER, FLA.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	186	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	111	-----	-----
	2095 ICE-----	75	-----	-----
	TOTAL-----	372	1,860	-----
ST. PETERSBURG HARBOR, FLA.-----	0131 FRESH FRUITS AND TREE NUTS-----	13	-----	-----
	2111 MEAT, FRESH, CHILLED, FROZEN-----	1	-----	-----
	2034 VEGETABLES AND PREP, NEC-----	80	-----	-----
	2042 PREPARED ANIMAL FEEDS-----	8	-----	-----
	2049 GRAIN MILL PRODUCTS, NEC-----	20	-----	-----
	2081 ALCOHOLIC BEVERAGES-----	21	-----	-----
	2099 MISCELLANEOUS FOOD PRODUCTS-----	29	-----	-----
	2111 TOBACCO MANUFACTURES-----	1	-----	-----
	2711 BASIC TEXTILE PRODUCTS-----	4	-----	-----
	2413 FUEL WOOD, CHARCOAL, WASTES-----	4	-----	-----
	2431 VENEER, PLYWOOD, WORKED WOOD-----	25	-----	-----
	2491 WOOD MANUFACTURES, NEC-----	1	-----	-----
	2511 FURNITURE AND FIXTURES-----	1	-----	-----
	2819 BASIC CHEMICALS AND PROD, NEC-----	1	-----	-----
	2851 PAINTS-----	2	-----	-----
	2911 GASOLINE-----	7	-----	-----
	2914 DISTILLATE FUEL OIL-----	35,260	-----	-----
	2915 RESIDUAL FUEL OIL-----	88,769	-----	-----
	2916 LUBRICATING OILS AND GREASES-----	14	-----	-----
	3211 RUBBER AND MISC PLASTIC PROD-----	1	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	4	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	207	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	5	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	9	-----	-----
	3731 SHIPS AND BOATS-----	75	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	351	-----	-----
	4022 TEXTILE WASTE, SCRAP, WHEEP-----	1	-----	-----
	4112 COMMODITIES, NEC-----	12	-----	-----
	TOTAL-----	124,935	865,790	-----
SUNNANEE RIVER, FLA.-----	NO COMMERCE REPORTED			
WILHLACDOOCHEE RIVER, FLA.-----	NO COMMERCE REPORTED			
NONPROJECT				
NEEDON ISLAND, FLA.-----	2014 DISTILLATE FUEL OIL-----	79,590	-----	-----
	2015 RESIDUAL FUEL OIL-----	1,310,074	-----	-----
	TOTAL-----	1,389,664	1,168,992	-----

## MOBILE, ALA., DISTRICT

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ST. MARKS RIVER, FLA.

SECTION INCLUDED: MOUTH TO NEWPORT, FLA., CONTROLLING DEPTH: MOUTH TO ST. MARKS, 9.5 FEET BETWEEN BEACON 11 AND NUM 22; ST. MARKS TO NEWPORT, 12 FEET, PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	670,826	2,552	1976	1,067,115	*
1972	711,403	2,840	1977	1,288,633	*
1973	862,058	*	1978	1,803,595	*
1974	872,308	*	1979	1,671,323	*
1975	824,317	*	1980	1,594,829	*

\* NONE REPORTED.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	
		SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
TOTAL	1,594,829	81,173	1,297,714	198,709	17,233
0911 FRESH FISH, EXCEPT SHELLFISH	18		18		
0912 SHELLFISH, EXCEPT PREPARED	10		10		
1311 CRUDE PETROLEUM	603,319		603,319		
1493 SULPHUR, LIQUID	2,652			2,652	
2810 SODIUM HYDROXIDE	127,884		127,884		
2818 SULPHURIC ACID	10,771		10,771		
2911 GASOLINE	369,160		269,081	100,079	
2914 DISTILLATE FUEL OIL	72,531	2,816	31,819	33,746	4,150
2915 RESIDUAL FUEL OIL	345,464	78,357	201,677	56,681	8,549
2917 NAPHTHA, PETROLEUM SOLVENTS	10,085			5,551	4,534
2921 LIQUEFIED GASES	37,159		37,159		
4029 WASTE AND SCRAP, NEC	19,776		19,776		
TOTAL TON-MILES	20,485,662				

## APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA. AND FLA.\*

SECTION INCLUDED: APALACHICOLA RIVER, MOUTH TO JUNCTION OF CHATTAHOOCHEE AND FLINT RIVERS; CHATTAHOOCHEE RIVER, JUNCTION TO COLUMBUS, GA.; FLINT RIVER, JUNCTION TO BAINBRIDGE, GA.; CONTROLLING DEPTH: APALACHICOLA RIVER, 9 FEET, EXCEPT DURING PERIODS OF EXTREME LOW WATER; CHATTAHOOCHEE RIVER, 9 FEET TO COLUMBUS, GA.; FLINT RIVER, 9 FEET TO BAINBRIDGE, GA.; PROJECT DEPTH: APALACHICOLA RIVER, 9 FEET; CHATTAHOOCHEE RIVER TO COLUMBUS, GA., 9 FEET; FLINT RIVER TO BAINBRIDGE, GA., 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	898,087	1976	1,030,399
1972	1,029,275	1977	1,070,165
1973	1,024,890	1978	873,353
1974	951,026	1979	889,884
1975	811,862	1980	783,656

\* GULF INTRACASTAL WATERWAY THROUGH TRAFFIC OVER LOWER 4 MILES OF THE APALACHICOLA RIVER IS EXCLUDED.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		
		RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	DOWNBOUND
TOTAL	783,656	700	690	352,518	93,579	336,169
0107 WHEAT	7,105				7,105	
0111 SOYBEANS	35,452				35,452	
1442 SAND, GRAVEL, CRUSHED ROCK	336,169					336,169
2811 CRUDE TAR, OIL, GAS PRODUCTS	7,009			4,611	2,398	
2817 BENZENE AND TOLUENE	7,261			3,846	3,415	
2819 BASIC CHEMICALS AND PROD, NEC	62,561			62,561		
2871 NITROGENOUS CHEM FERTILIZERS	91,643			91,643		
2873 PHOSPHATIC CHEM FERTILIZERS	10,866			10,866		
2879 FERTILIZER AND MATERIALS, NEC	50,510			50,510		
2891 MISCELLANEOUS CHEMICAL PROD	1,320			1,320		
2911 GASOLINE	47,498			26,020	21,478	
2914 DISTILLATE FUEL OIL	35,722			19,427	16,295	
2916 LUBRICATING OILS AND GREASES	2,330			2,330		
2917 NAPHTHA, PETROLEUM SOLVENTS	12,708			12,708		
2918 ASPHALT, TAR, AND BITUMENS	66,276			66,276		
3317 IRON AND STEEL PIPE AND TUBE	1,100	700		400		
3611 ELECTRICAL MACH AND EQUIP	850					850
3731 SHIPS AND BOATS	7,276		690		6,586	
TOTAL TON-MILES	81,955,756					

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## PORT ST. JOE HARBOR, FLA.

SECTION INCLUDED: ENTRANCE AND INNER CHANNELS TO WHARVES, CONTROLLING DEPTH: ENTRANCE CHANNEL, 35 FEET; NORTH BAY (INNER) CHANNEL, 34 FEET; SOUTH BAY (INNER) CHANNEL, 32 FEET. PROJECT DEPTH: ENTRANCE CHANNEL, 37 FEET; NORTH BAY (INNER) CHANNEL, 35 FEET; SOUTH BAY (INNER) CHANNEL, 35 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	689,180	1976-----	194,185
1972-----	668,601	1977-----	142,873
1973-----	669,131	1978-----	657,295
1974-----	548,797	1979-----	1,042,890
1975-----	463,062	1980-----	1,328,999

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,328,999	542,635	24,104	16,388	5,034	122,397	618,441
0131 FRESH FRUITS AND TREE NUTS-----	11		11				
1311 CRUDE PETROLEUM-----	1,000,239	542,634				4,596	533,009
2431 VENEER, PLYWOOD, WORKED WOOD-----	307						307
2631 PAPER AND PAPERBOARD-----	27,205		15,642				11,563
2810 SODIUM HYDROXIDE-----	7,508					7,508	
2819 BASIC CHEMICALS AND PROD. NEC-----	9,602		7,004			2,598	
2821 PLASTIC MATERIALS-----	1,687						1,687
2861 GUM AND WOOD CHEMICALS-----	1,370		1,370				
2871 NITROGENOUS CHEM FERTILIZERS-----	9,885					9,885	
2911 GASOLINE-----	37,280						37,200
2914 DISTILLATE FUEL OIL-----	4,528					1,552	2,976
2915 RESIDUAL FUEL OIL-----	145,263			16,388	5,034	93,267	30,574
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,116					2,991	1,125
3315 IRON, STEEL SHAPES, EXC SHEET-----	72		72				
3411 FABRICATED METAL PRODUCTS-----	1		1				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4		4				
3731 SHIPS AND BOATS-----	1	1					
TOTAL TON-MILES, 8,396,327.							

## GULF COUNTY CANAL, FLA.

SECTION INCLUDED: ENTIRE LENGTH, CONTROLLING DEPTH: 9.5 FEET, PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	414,070	1976-----	57,109
1972-----	317,955	1977-----	51,690
1973-----	279,643	1978-----	321,763
1974-----	183,043	1979-----	527,610
1975-----	169,359	1980-----	741,029

## FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	
		THROUGH	INBOUND	THROUGH	SOUTHBOUND
TOTAL-----	741,029	5,034	4,648	608,950	122,397
0911 FRESH FISH, EXCEPT SHELLFISH-----	4,347		4,347		
0912 SHELLFISH, EXCEPT PREPARED-----	301		301		
1311 CRUDE PETROLEUM-----	535,054			530,458	4,596
2431 VENEER, PLYWOOD, WORKED WOOD-----	307				307
2631 PAPER AND PAPERBOARD-----	10,799			10,799	
2810 SODIUM HYDROXIDE-----	7,508				7,508
2819 BASIC CHEMICALS AND PROD. NEC-----	2,598				2,598
2821 PLASTIC MATERIALS-----	1,687				1,687
2871 NITROGENOUS CHEM FERTILIZERS-----	9,885				9,885
2911 GASOLINE-----	34,000			34,000	
2914 DISTILLATE FUEL OIL-----	1,552				1,552
2915 RESIDUAL FUEL OIL-----	128,875	5,034		30,574	93,267
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,116			1,125	2,991
TOTAL TON-MILES, 4,422,934.					

## MOBILE, ALA., DISTRICT

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## PANAMA CITY HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL, INSIDE BAY AND WATSON BAYOU, CONTROLLING DEPTH: APPROACH CHANNEL, 32 FEET; ACROSS LANDS END, 27 FEET; WATSON BAYOU, 10 FEET. PROJECT DEPTH: APPROACH CHANNEL, 34 FEET; ACROSS LANDS END, 32 FEET; WATSON BAYOU, 10 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	1,677,227	306	1976-----	1,208,628	---
1972-----	1,662,637	74	1977-----	1,393,065	17
1973-----	1,806,270	120	1978-----	1,585,372	7,700
1974-----	1,891,264	32	1979-----	1,431,952	57,190
1975-----	1,616,293	669	1980-----	1,639,428	81,286

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE	DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	INTERNAL		
					RECEIPTS	SHIPMENTS	
TOTAL-----	1,639,428	22,119	393,831	1,007	833,573	337,911	50,997
0105 RICE-----	78	---	78	---	---	---	---
0119 OILSEEDS, NEC-----	104,844	---	73,808	---	408	30,628	---
0121 TOBACCO, LEAF-----	122	122	---	---	---	---	---
0131 FRESH FRUITS AND TREE NUTS-----	551	551	---	---	---	---	---
0133 COFFEE-----	6,465	6,465	---	---	---	---	---
0841 CRUDE RUBBER AND ALLIED GUMS-----	178	178	---	---	---	---	---
0912 SHELLFISH, EXCEPT PREPARED-----	78	---	---	---	78	---	---
0931 MARINE SHELLS, UNMANUFACTURED-----	7,521	---	---	---	7,521	---	---
1311 CRUDE PETROLEUM-----	33,247	---	---	---	16,477	1,587	15,183
1451 CLAY-----	54,125	---	7	---	---	54,118	---
1499 NONMETALLIC MINERALS, NEC-----	1,120	---	---	---	1,120	---	---
2022 DRIED MILK AND CREAM-----	810	---	810	---	---	---	---
2039 PREP FRUIT AND VEG JUICE, NEC-----	117	117	---	---	---	---	---
2091 VEGETABLE OILS, MARG, SHORT-----	104	---	104	---	---	---	---
2095 ICE-----	263	---	---	---	---	263	---
2099 MISCELLANEOUS FOOD PRODUCTS-----	7,780	---	50	---	---	7,730	---
2211 BASIC TEXTILE PRODUCTS-----	114	---	114	---	---	---	---
2421 LUMBER-----	494	347	69	---	---	---	---
2431 VENEER, PLYWOOD, WORKED WOOD-----	33	33	---	---	---	---	---
2491 WOOD MANUFACTURES, NEC-----	33	33	---	---	---	---	---
2611 PULP-----	171,773	---	140,492	---	---	31,281	---
2631 PAPER AND PAPERBOARD-----	244,948	1,148	166,212	---	764	76,824	---
2691 PULP AND PAPER PRODUCTS, NEC-----	4,843	---	42	---	---	4,801	---
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	7,967	---	---	---	6,345	1,622	---
2817 BENZENE AND TOLUENE-----	11,906	---	---	---	9,867	2,039	---
2819 BASIC CHEMICALS AND PROD, NEC-----	19,283	1,099	5,431	---	12,673	---	---
2821 PLASTIC MATERIALS-----	3,215	---	267	---	---	2,948	---
2822 SYNTHETIC RUBBER-----	341	---	62	---	---	299	---
2823 SYNTHETIC (MAN-MADE) FIBERS-----	421	---	421	---	---	---	---
2841 SOAP-----	7	---	7	---	---	---	---
2851 PAINTS-----	60	60	---	---	---	---	---
2861 GUM AND WOOD CHEMICALS-----	2,788	---	2,788	---	---	---	---
2876 INSECTICIDES, DISINFECTANTS-----	24	---	24	---	---	---	---
2891 MISCELLANEOUS CHEMICAL PROD-----	4,004	3,027	977	---	---	---	---
2911 GASOLINE-----	542,879	---	---	---	404,652	103,777	34,450
2914 DISTILLATE FUEL OIL-----	39,185	---	---	---	38,392	793	---
2915 RESIDUAL FUEL OIL-----	196,881	---	---	---	183,954	12,927	---
2916 LUBRICATING OILS AND GREASES-----	48,003	---	---	---	48,003	---	---
2917 NAPHTHA, PETROLEUM SOLVENTS-----	68,643	---	---	---	66,666	613	1,364
2921 LIQUEFIED GASES-----	12,103	---	---	---	11,311	792	---
3011 RUBBER AND MISC PLASTIC PROD-----	133	---	133	---	---	---	---
3314 IRON AND STEEL PRIMARY FORMS-----	8,122	---	---	---	8,122	---	---
3319 IRON, STEEL SHAPES, EXC SHEET-----	11,187	8,749	370	1,007	1,061	---	---
3316 IRON AND STEEL PLATES, SHEETS-----	11,284	---	---	---	11,284	---	---
3317 IRON AND STEEL PIPE AND TUBE-----	1,444	---	659	---	805	---	---
3319 IRON AND STEEL PRODUCTS, NEC-----	1,010	---	10	---	1,000	---	---
3323 LEAD AND ZINC, UNWORKED-----	667	---	---	---	---	667	---
3411 FABRICATED METAL PRODUCTS-----	1,612	---	262	---	---	1,350	---
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,012	---	232	---	2,430	1,350	---
3611 ELECTRICAL MACH AND EQUIP-----	66	---	66	---	---	---	---
3711 MOTOR VEHICLES, PARTS, EQUIP-----	64	---	64	---	---	---	---
3731 SHIPS AND BOATS-----	640	---	---	---	640	---	---
4011 IRON AND STEEL SCRAP-----	370	---	---	---	---	370	---
4012 NONFERROUS METAL SCRAP-----	435	---	---	---	---	435	---
4022 TEXTILE WASTE, SCRAP, SWEEP-----	272	---	272	---	---	---	---
4029 WASTE AND SCRAP, NEC-----	697	---	---	---	---	697	---
4112 COMMODITIES, NEC-----	140	140	---	---	---	---	---
TOTAL TON-MILES,-----	6,826,430.	---	---	---	---	---	---

## WATSON BAYOU, FLA. (INCLUDED IN TRAFFIC OF PANAMA CITY HARBOR, FLA.)

SECTION INCLUDED: FROM PANAMA CITY HARBOR TO HIGHWAY BRIDGE ACROSS BAYOU, ABOUT 1.7 MILES. CONTROLLING AND PROJECT DEPTHS: 10 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	266,903	1976-----	233,779
1972-----	281,861	1977-----	306,442
1973-----	300,419	1978-----	377,574
1974-----	348,310	1979-----	368,515
1975-----	272,905	1980-----	387,593

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

WATSON BAYOU, FLA., INCLUDED IN TRAFFIC OF  
PANAMA CITY HARBOR, FLA.,--CONTINUED

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	387,593	298,526	83,582	45,485
0119 OILSEEDS, NEC-----	1,321	-----	1,321	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	4,334	4,334	-----	-----
1311 CRUDE PETROLEUM-----	33,247	16,477	1,587	15,183
1491 CLAY-----	3,937	-----	3,537	-----
2631 PAPER AND PAPERBOARD-----	20,932	-----	20,532	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,727	2,727	-----	-----
2817 BENZENE AND TOLUENE-----	2,444	2,444	-----	-----
2911 GASOLINE-----	233,987	150,326	54,323	28,938
2914 DISTILLATE FUEL OIL-----	26,634	25,841	793	-----
2915 RESIDUAL FUEL OIL-----	6,800	6,800	-----	-----
2916 LUBRICATING OILS AND GREASES-----	2,407	2,407	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	37,344	35,980	-----	1,364
2921 LIQUEFIED GASES-----	11,291	10,499	792	-----
3314 IRON AND STEEL PRIMARY FORMS-----	691	691	-----	-----
4029 WASTE AND SCRAP, NEC-----	697	-----	697	-----
TOTAL TON-MILES, 431,137.				

ESCAMBIA AND CONECH RIVERS, FLA.; AND ALA.,  
ESCAMBIA BAY, FLA.

SECTION INCLUDED: FROM THE 10-FOOT CONTOUR IN ESCAMBIA BAY TO MILE 7 ABOVE THE MOUTH OF ESCAMBIA RIVER, FLA., CONTROLLING DEPTH: 9 FEET, PROJECT DEPTH: 10 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,078,495	1976-----	2,608,428
1972-----	1,841,950	1977-----	1,944,358
1973-----	2,398,114	1978-----	1,779,180
1974-----	2,512,952	1979-----	1,996,131
1975-----	1,601,382	1980-----	1,920,425

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	
		SHIPMENTS	INBOUND	OUTBOUND
TOTAL-----	1,920,425	265	1,919,386	774
1121 COAL AND LIGNITE-----	1,726,064	-----	1,726,064	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	177,614	-----	177,614	-----
2915 RESIDUAL FUEL OIL-----	15,663	-----	15,663	-----
3411 FABRICATED METAL PRODUCTS-----	45	-----	45	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	789	265	-----	524
3711 MOTOR VEHICLES, PARTS, EQUIP-----	250	-----	-----	250
TOTAL TON-MILES, 38,975,323.				

PENSACOLA HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL AND ENTIRE HARBOR, INCLUDING BAYOU CHICO, CONTROLLING DEPTH: ENTRANCE, 34 FEET; INNER HARBOR, 32 FEET; BAYOU CHICO, 11 FEET, PROJECT DEPTH: ENTRANCE, 35 FEET; INNER HARBOR, 33 FEET; BAYOU CHICO, 19 AND 14 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	1,072,164	9,625	1,081,729	5	1976-----	2,548,424	-----	2,548,424	8
1972-----	2,011,651	3,031	2,014,682	18	1977-----	3,105,287	-----	3,105,287	123
1973-----	2,272,755	6,000	2,278,755	7	1978-----	3,064,044	-----	3,064,044	30
1974-----	2,238,582	-----	2,238,582	2	1979-----	2,456,708	-----	2,456,708	-----
1975-----	2,262,084	-----	2,262,084	10	1980-----	2,458,151	-----	2,458,151	-----

## MOBILE, ALA., DISTRICT

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PENSACOLA HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	2,458,151	145,201	502,656	25,570	281,180	824,272	679,272
0105 RICE-----	43,522		42,344			1,178	
0119 OILSEEDS, NEC-----	1,497					1,093	364
0131 FRESH FRUITS AND TREE NUTS-----	1,693	1,693					
0133 COFFEE-----	9		9				
0861 FOREST PRODUCTS, NEC-----	3	2	1				
0911 FRESH FISH, EXCEPT SHELLFISH-----	5	5					
0931 MARINE SHELLS, UNMANUFACTURED-----	50,979					50,979	
1011 IRON ORE AND CONCENTRATES-----	2		2				
1121 COAL AND LIGNITE-----	153		153				
1311 CRUDE PETROLEUM-----	163,754	91,337	207			13,950	72,210
1442 SAND, GRAVEL, CRUSHED ROCK-----	13,950					13,950	
1451 CLAY-----	6,621		93			3,264	3,264
1471 PHOSPHATE ROCK-----	27,941	27,941					
1492 SULPHUR, DRY-----	2		2				
1493 SULPHUR, LIQUID-----	427,086				281,080		145,976
1499 NONMETALLIC MINERALS, NEC-----	19		19				
2011 MEAT, FRESH, CHILLED, FROZEN-----	34		34				
2021 DAIRY PRODUCTS, NEC-----	173		173				
2022 DRIED MILK AND CREAM-----	18,162		17,664				498
2031 FISH AND SHELLFISH, PREPARED-----	94	94					
2034 VEGETABLES AND PREP, NEC-----	62	61	1				
2039 PREP FRUIT AND VEG JUICE, NEC-----	7	1	6				
2041 WHEAT FLOUR AND SEMOLINA-----	279,536		277,333				2,203
2042 PREPARED ANIMAL FEEDS-----	10,221		10,221				
2049 GRAIN MILL PRODUCTS, NEC-----	123,799	35	96,491				27,273
2081 ALCOHOLIC BEVERAGES-----	179	13	166				
2091 VEGETABLE OILS, MARG, SHORT-----	255		255				
2099 MISCELLANEOUS FOOD PRODUCTS-----	11,944	74	8,517				3,353
2211 BASIC TEXTILE PRODUCTS-----	172	33	139				
2311 APPAREL-----	29	26	3				
2414 TIMBER, POSTS, POLES, PILING-----	102		102				
2421 LUMBER-----	862		862				
2431 VENEER, PLYWOOD, WORKED WOOD-----	46		46				
2491 WOOD MANUFACTURES, NEC-----	200	74	126				
2511 FURNITURE AND FIXTURES-----	8	6	2				
2611 PULP-----	403		403				
2631 PAPER AND PAPERBOARD-----	30,132		26,110			1,731	2,291
2691 PULP AND PAPER PRODUCTS, NEC-----	70	13	57				
2711 PRINTED MATTER-----	40	39	1				
2810 SODIUM HYDROXIDE-----	15,291		1			15,291	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,300					1,300	
2813 ALCOHOLS-----	12,191		55			10,786	1,350
2816 RADIOACTIVE MATERIALS, WASTES-----	20		20				
2817 BENZENE AND TOLUENE-----	2,800					2,800	
2818 SULPHURIC ACID-----	4,311					4,311	
2819 BASIC CHEMICALS AND PROD, NEC-----	11,139		1,680			5,864	3,595
2821 PLASTIC MATERIALS-----	1,219	2	1,217				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	523		523				
2831 DRUGS-----	90	1	89				
2841 SOAP-----	22	1	21				
2851 PAINTS-----	57		57				
2861 GUM AND WOOD CHEMICALS-----	162		162				
2871 NITROGENOUS CHEM FERTILIZERS-----	4,548						4,548
2879 FERTILIZER AND MATERIALS, NEC-----	16,264	2,205	14,059				
2891 MISCELLANEOUS CHEMICAL PROD-----	101		101				
2911 GASOLINE-----	372,354					332,654	39,700
2912 JET FUEL-----	86,709					70,599	7,110
2914 DISTILLATE FUEL OIL-----	8,748					5,745	3,003
2915 RESIDUAL FUEL OIL-----	614,957	20,668		25,520		275,574	293,195
2916 LUBRICATING OILS AND GREASES-----	6		6				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,247					1,247	
2921 LIQUEFIED GASES-----	35,876					5,108	30,768
2951 ASPHALT BUILDING MATERIALS-----	19		19				
3011 RUBBER AND MISC PLASTIC PROD-----	31	28	23				
3111 LEATHER AND LEATHER PRODUCTS-----	14	12	2				
3211 GLASS AND GLASS PRODUCTS-----	64	21	43				
3291 STRUCTURAL CLAY PRODUCTS-----	21		21				
3281 CUT STONE AND STONE PRODUCTS-----	24	20	4				
3291 MISC NONMETALLIC MINERAL PROD-----	90	27	63				
3314 IRON AND STEEL PRIMARY FORMS-----	394					394	
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,786					2,786	
3316 IRON AND STEEL PLATES, SHEETS-----	16		16				
3317 IRON AND STEEL PIPE AND TUBE-----	90		90				
3319 IRON AND STEEL PRODUCTS, NEC-----	8,618					8,618	
3321 NONFERROUS METALS, NEC-----	433	433	1				
3322 COPPER ALLOYS, UNWORKED-----	23	22	1				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	48		48				
3411 FABRICATED METAL PRODUCTS-----	2,924	90	2,105				729
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,119	155	364	50	100		500
3611 ELECTRICAL MACH AND EQUIP-----	92	21	31				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	175	88	87				
3731 SHIPS AND BOATS-----	9		9				
3791 MISC TRANSPORTATION EQUIPMENT-----	9		9				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	33	4	29				
3911 MISC MANUFACTURED PRODUCTS-----	99	43	56				
4011 IRON AND STEEL SCRAP-----	36,092						36,092
4012 NONFERROUS METAL SCRAP-----	1,273		23				1,250
4022 TEXTILE WASTE, SCRAP, SWEEP-----	70		70				
4112 COMMODITIES, NEC-----	13	3	10				
TOTAL TON-MILES,-----	39,304,360.						



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

BAYOU CHICO, FLA. (INCLUDED IN TRAFFIC OF  
PENSACOLA HARBOR, FLA.)SECTION INCLUDED: ENTIRE CHANNEL AND LOWER 1.4 MILES IN BAYOU; CONTROLLING DEPTH: ENTRANCE, 11 FEET; IN BAYOU, 11 FEET, PROJECT  
DEPTH: ENTRANCE, 15 FEET; IN BAYOU, 14 FEET.COMPARATIVE STATEMENT OF TRAFFIC  
(SHORT TONS)

YEAR	VESSEL TRAFFIC	RAFTED	TOTAL	YEAR	VESSEL TRAFFIC	RAFTED	TOTAL
1971-----	271,556	9,625	281,181	1976-----	838,540	-----	838,540
1972-----	327,264	3,831	330,295	1977-----	1,185,462	-----	1,185,462
1973-----	653,328	6,000	659,328	1978-----	432,460	-----	432,460
1974-----	635,142	-----	635,142	1979-----	401,515	-----	401,515
1975-----	696,629	-----	696,629	1980-----	323,008	-----	323,008

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL-----	323,008	281,540	41,468
0931 MARINE SHELLS, UNMANUFACTURED-----	39,125	39,125	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	13,950	13,950	-----
2911 GASOLINE-----	222,653	211,993	10,700
2921 LIQUEFIED GASES-----	35,876	5,108	30,768
3319 IRON, STEEL SHAPES, EXC SHEET-----	2,786	2,786	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	8,618	8,618	-----
TOTAL TON-MILES, 376,083.			

## MOBILE HARBOR, ALA.

SECTION INCLUDED: ENTRANCE, BAY AND RIVER CHANNELS, AND CHANNELS INTO CHICKASAW AND THREE MILE CREEKS. CONTROLLING DEPTH: ENTRANCE,  
39 FEET; BAY AND RIVER, 38 FEET; BRANCH CHANNELS, 20 FEET, PROJECT DEPTH: ENTRANCE, 42 FEET; BAY AND RIVER, 40 FEET; BRANCH CHANNELS,  
25 TO 27 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	24,919,228	342	1976-----	35,379,310	1773
1972-----	27,291,063	240	1977-----	35,043,893	391
1973-----	30,518,422	319	1978-----	36,266,857	122
1974-----	33,153,954	172	1979-----	35,265,204	-----
1975-----	32,492,912	278	1980-----	37,568,968	-----

## FREIGHT TRAFFIC, 1980

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	37,568,968	8,471,497	9,316,408	331,484	1,097,193	9,036,523	7,589,379	1,726,484
0101 COTTON, RAW-----	22,728	-----	22,728	-----	-----	-----	-----	-----
0103 CORN-----	807,508	-----	749,072	-----	-----	9,443	-----	48,993
0104 OATS-----	2,263	-----	2,263	-----	-----	-----	-----	-----
0105 RICE-----	139,116	-----	136,251	-----	1,959	1,306	-----	27,780
0107 WHEAT-----	239,395	-----	176,569	-----	-----	30,242	4,804	142,344
0111 SOYBEANS-----	1,490,052	1	1,109,121	-----	-----	238,586	-----	-----
0119 OILSEEDS, NEC-----	7,440	2	2,514	-----	-----	2,534	2,390	-----
0121 TOBACCO, LEAF-----	3,992	3,890	102	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	1	1	-----	-----	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	56,586	56,581	25	-----	-----	-----	-----	-----
0133 COFFEE-----	671	671	-----	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	3	3	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	55,604	66	55,538	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	71	37	34	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	379	207	16	-----	-----	156	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	2,871	2,847	24	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	35	35	-----	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	506	190	176	-----	-----	139	1	-----
0912 SHELLFISH, EXCEPT PREPARED-----	19	19	-----	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	1,133,804	-----	-----	-----	-----	51,262	251,941	830,401
1011 IRON ORE AND CONCENTRATES-----	6,931,750	4,112,272	-----	-----	-----	7,254	2,480,625	11,599
1051 ALUMINUM ORES, CONCENTRATES-----	1,539,452	1,518,022	194	-----	-----	-----	21,236	-----
1061 MANGANESE ORES, CONCENTRATES-----	115,654	113,514	-----	-----	-----	-----	7,140	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	113,248	100,348	6,803	-----	-----	-----	6,007	22,740
1121 COAL AND LIGNITE-----	12,091,566	745,506	5,834,179	-----	-----	4,739,427	749,714	-----
1311 CRUDE PETROLEUM-----	4,222,143	1,380,683	-----	149,135	454,288	45,995	1,876,072	315,770
1411 LIMESTONE-----	51	-----	51	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,209,138	1,255	58,617	-----	-----	801,359	185,913	161,994
1451 CLAY-----	80,434	4,761	3,853	-----	-----	52,052	19,768	-----
1492 SULPHUR, DRY-----	5,177	-----	5,177	-----	-----	-----	-----	-----

## MOBILE, ALA., DISTRICT

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MOBILE HARBOR, ALA.,--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1493 SULPHUR, LIQUID-----	2,652					2,652		
1499 NONMETALLIC MINERALS, NEC-----	82,056	13,074	133		47	65,590	3,172	
1911 ORDNANCE AND ACCESSORIES-----	1,042	3					1,039	
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,270		1,048		222			
2012 MEAT AND PRODUCTS, NEC-----	7,303	4,215	294			2,765	29	
2014 TALLOW, ANIMAL FATS AND OILS-----	637		637					
2015 ANIMAL BY-PRODUCTS, NEC-----	379		379					
2021 DAIRY PRODUCTS, NEC-----	175	82	93					
2022 DRIED MILK AND CREAM-----	2,320		1,686				634	
2031 FISH AND SHELLFISH, PREPARED-----	525	375	150					
2034 VEGETABLES AND PREP, NEC-----	242	188	54					
2039 PREP FRUIT AND VEG JUICE, NEC-----	6,128	5,937	191					
2041 WHEAT FLOUR AND SEMOLINA-----	18,395		10,555				7,840	
2042 PREPARED ANIMAL FEEDS-----	128,334	1	120,180			1,312	6,841	
2049 GRAIN MILL PRODUCTS, NEC-----	47,934	202	25,560		5,360	5,697	11,095	
2062 MOLASSES-----	27,953	23,822				1,350	2,781	
2081 ALCOHOLIC BEVERAGES-----	4,113	2,258	1,855					
2091 VEGETABLE OILS, MARG, SHORT-----	21	3	18					
2092 ANIMAL OILS AND FATS, NEC-----	6,506		11				6,495	
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,239	226	890				1,123	
2111 TOBACCO MANUFACTURES-----	25	4	21					
2211 BASIC TEXTILE PRODUCTS-----	3,538	1,852	928		145	188	425	
2212 TEXTILE FIBERS, NEC-----	225		225					
2311 APPAREL-----	893	133	760					
2411 LOGS-----	62,766	90	2,736			60,000		
2413 FUEL WOOD, CHARCOAL, WASTES-----	452		452					
2414 TIMBER, POSTS, POLES, PILING-----	25,025		21,235		3,397		393	
2415 PULPMOOD, LOG-----	127,626					103,832	23,794	
2416 WOOD CHIPS, STAVES, HOLDINGS-----	152,826	1				152,825		
2421 LUMBER-----	221,516	60,668	117,146		36,027	3,565	4,110	
2431 VENEER, PLYWOOD, WORKED WOOD-----	17,280	184	5,660			11,044	333	
2491 WOOD MANUFACTURES, NEC-----	36,962	16,032	19,210		1,468	232		
2511 FURNITURE AND FIXTURES-----	1,271	1,103	168					
2611 PULP-----	483,901	87,000	374,262			11,232	11,407	
2631 PAPER AND PAPERBOARD-----	89,969	4,142	65,893		767	13,772	5,395	
2691 PULP AND PAPER PRODUCTS, NEC-----	1,945	33	1,912					
2711 PRINTED MATTER-----	43	25	58					
2810 SODIUM HYDROXIDE-----	249,568					249,568		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	3,168		368			1,400		
2812 DYES, PIGMENT, TANNING MATS-----	1		1					
2813 ALCOHOLS-----	1,325					1,325		
2817 BENZENE AND TOLUENE-----	1,400						1,400	
2819 BASIC CHEMICALS AND PROD, NEC-----	202,629	36,587	20,247			32,169	111,626	
2821 PLASTIC MATERIALS-----	2,537	66	2,146		20		305	
2822 SYNTHETIC RUBBER-----	15,169		11,266			3,813	90	
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2,270	5	2,265					
2831 DRUGS-----	279	262	17					
2841 SOAP-----	997	436	561					
2891 PAINTS-----	293	140	131		22			
2861 GUM AND WOOD CHEMICALS-----	2,044	381	1,542				121	
2871 NITROGENOUS THEM FERTILIZERS-----	2,083	1,718					365	
2876 INSECTICIDES, DISINFECTANTS-----	1,120	219	901					
2879 FERTILIZER AND MATERIALS, NEC-----	257		257					
2891 MISCELLANEOUS CHEMICAL PROD-----	2,343	1,179	1,164					
2911 GASOLINE-----	1,406,513		46	61,842	4,378	983,121	332,184	24,942
2912 JET FUEL-----	311,837			9,868	11,514		290,455	
2913 KEROSENE-----	23,960					71,855	23,960	
2914 DISTILLATE FUEL OIL-----	337,674			22,139	19,581	144,575	79,524	
2915 RESIDUAL FUEL OIL-----	2,111,936			81,442	367,800	1,042,665	559,790	60,239
2916 LUBRICATING OILS AND GREASES-----	109	2	107					
2917 NAPHTHA, PETROLEUM SOLVENTS-----	275,251					13,058	262,193	
2918 ASPHALT, TAR, AND BITUMES-----	333,310	8,411	436	6,818	161,553	42,730	113,362	
2920 COKE, PETROLEUM COKE-----	85,763		76,459			7,248	2,056	
2991 ASPHALT BUILDING MATERIALS-----	286		286					
2991 PETROLEUM AND COAL PROD, NEC-----	20,722		56				20,666	
3011 RUBBER AND MISC PLASTIC PROD-----	2,614	1,241	1,371		2			
3111 LEATHER AND LEATHER PRODUCTS-----	252	182	70					
3211 GLASS AND GLASS PRODUCTS-----	241	111	130					
3241 BUILDING CEMENT-----	53,204		2,276		3,368		47,560	
3291 STRUCTURAL CLAY PRODUCTS-----	53,528	615	1,420			51,493		
3271 LIME-----	6		6					
3281 CUT STONE AND STONE PRODUCTS-----	43	33				10		
3291 MISC NONMETALLIC MINERAL PROD-----	33,985	393	8,370		433	23,458	1,371	
3311 PIG IRON-----	865					865		
3314 IRON AND STEEL PRIMARY FORMS-----	58,365		17,825		4,543	24,920	11,077	
3315 IRON, STEEL SHAPES, EXC SHEET-----	88,456	71,125	1,957		1,031	12,401	1,942	
3316 IRON AND STEEL PLATES, SHEETS-----	74,093	3,423	19,826		267	29,002	21,635	
3317 IRON AND STEEL PIPE AND TUBE-----	45,817	13,924	24,308		439		7,146	
3318 FERROALLOYS-----	44,637	7,889	21,447		2,184	6,332	7,085	
3319 IRON AND STEEL PRODUCTS, NEC-----	15,483	568	10,907		213	3,795		
3321 NONFERROUS METALS, NEC-----	285	218	67					
3322 COPPER ALLOYS, UNWORKED-----	5,046	4,871	158			17		
3323 LEAD AND ZINC, UNWORKED-----	20		20					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	20,506	93	20,226				387	
3411 FABRICATED METAL PRODUCTS-----	28,324	7,564	6,723	120	4,977	1,695	7,245	
3511 MACHINERY, EXCEPT ELECTRICAL-----	21,664	5,587	11,266		513	3,298	1,000	
3611 ELECTRICAL MACH AND EQUIP-----	2,763	1,172	1,217			374		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5,199	2,350	1,091		30	572	1,156	
3721 AIRCRAFT AND PARTS-----	34		34					
3731 SHIPS AND BOATS-----	3,503	2	142	120		2,942	139	150
3791 MISC TRANSPORTATION EQUIPMENT-----	7,727	5,217	1,354			1,156		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	204	142	62					
3911 MISC MANUFACTURED PRODUCTS-----	1,239	702	219		1	16	301	
4011 IRON AND STEEL SCRAP-----	120,471		63,785			18,975	7,711	

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MOBILE HARBOR, ALA.--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
4012 NONFERROUS METAL SCRAP-----	37,799	29,618	7,497	-----	-----	-----	684	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	121	-----	121	-----	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	3,371	-----	3,371	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	360	-----	-----	-----	-----	-----	360	-----
4112 COMMODITIES, NEC-----	3,073	367	467	-----	-----	1,724	515	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	2,822	-----	2,822	-----	-----	-----	-----	-----
TOTAL TON-MILES, 1,122,196,110.								

THREE MILE CREEK, ALA. (INCLUDED IN  
 TRAFFIC OF MOBILE HARBOR, ALA.)

SECTION INCLUDED: LOWER 1.4 MILES OF CREEK AND INDUSTRIAL CANAL. CONTROLLING DEPTH: TO 0.2 MILE, 30 FEET; THENCE TO INDUSTRIAL CANAL, 20 FEET; THENCE TO HEAD OF INDUSTRIAL CANAL, 10 FEET. PROJECT DEPTH: IMPROVED BY STATE OF ALABAMA.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	6,021,271	1976-----	7,103,838
1972-----	5,879,743	1977-----	8,404,981
1973-----	5,838,637	1978-----	8,673,825
1974-----	6,523,211	1979-----	3,594,964
1975-----	6,729,778	1980-----	3,960,940

FREIGHT TRAFFIC, 1980  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,960,940	3,736,798	13,349	240	39,285	52,227	119,041	
0911 FRESH FISH, EXCEPT SHELLFISH-----	139	-----	-----	-----	139	-----	-----	
0931 MARINE SMELLS, UNMANUFACTURED-----	149,583	-----	-----	-----	-----	30,512	119,041	
1011 IRON ORE AND CONCENTRATES-----	1,568,632	1,568,632	-----	-----	-----	-----	-----	
1051 ALUMINUM ORES, CONCENTRATES-----	1,338,274	1,336,959	-----	-----	-----	1,315	-----	
1081 MANGANESE ORES, CONCENTRATES-----	71,792	71,792	-----	-----	-----	-----	-----	
1091 NONFERROUS ORES, CONCENT, NEC-----	56,252	56,252	-----	-----	-----	-----	-----	
1121 COAL AND LIGNITE-----	711,189	692,119	13,349	-----	5,721	-----	-----	
2211 BASIC TEXTILE PRODUCTS-----	1	1	-----	-----	-----	-----	-----	
2411 LOGS-----	32,100	-----	4	-----	32,100	-----	-----	
2511 FURNITURE AND FIXTURES-----	4	-----	4	-----	-----	-----	-----	
2813 ALCOHOLS-----	1,325	-----	-----	-----	1,325	-----	-----	
2919 RESIDUAL FUEL OIL-----	20,400	-----	-----	-----	-----	20,400	-----	
3411 FABRICATED METAL PRODUCTS-----	133	13	-----	120	-----	-----	-----	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1	1	-----	-----	-----	-----	-----	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2	2	-----	-----	-----	-----	-----	
3731 SHIPS AND BOATS-----	120	-----	-----	120	-----	-----	-----	
4012 NONFERROUS METAL SCRAP-----	11,023	11,023	-----	-----	-----	-----	-----	
TOTAL TON-MILES, 999,708.								

CHICKASAW CREEK, ALA. (INCLUDED IN  
 TRAFFIC OF MOBILE HARBOR, ALA.)

SECTION INCLUDED: MOUTH TO 400 FEET SOUTH OF SHELL BAYOU IN CREEK. CONTROLLING DEPTH: 24 FEET. PROJECT DEPTH: 25 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,386,613	1976-----	1,731,130
1972-----	2,167,197	1977-----	2,106,232
1973-----	947,900	1978-----	2,226,553
1974-----	834,095	1979-----	2,210,677
1975-----	717,122	1980-----	2,030,348

FREIGHT TRAFFIC, 1980  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,030,348	40,463	11,904	34,133	99,983	573,548	872,024	397,901
1011 IRON ORE AND CONCENTRATES-----	14,278	-----	-----	-----	-----	-----	8,629	5,649
1051 ALUMINUM ORES, CONCENTRATES-----	6,878	6,878	-----	-----	-----	-----	-----	-----

## MOBILE, ALA., DISTRICT

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CHICKASAW CREEK, ALA. (INCLUDED IN  
TRAFFIC OF MOBILE HARBOR, ALA.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1121 COAL AND LIGNITE-----	141,503	-----	-----	-----	-----	120,163	-----	21,340
1311 CRUDE PETROLEUM-----	323,495	-----	-----	-----	-----	5,096	56,094	262,305
1499 NONMETALLIC MINERALS, NEC-----	9,068	-----	-----	-----	-----	9,068	-----	-----
2411 LOGS-----	27,900	-----	-----	-----	-----	27,900	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	6,338	-----	6,338	-----	-----	-----	-----	-----
2415 PULPWOOD, LOG-----	125,274	-----	-----	-----	-----	101,480	23,794	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	152,825	-----	-----	-----	-----	152,825	-----	-----
2421 LUMBER-----	28,157	28,157	-----	-----	-----	-----	-----	-----
2611 PULP-----	4,352	-----	-----	-----	-----	4,352	-----	-----
2810 SODIUM HYDROXIDE-----	40,797	-----	-----	-----	-----	40,797	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	5,566	-----	5,566	-----	-----	-----	-----	-----
2911 GASOLINE-----	195,999	-----	-----	-----	-----	5,200	190,799	-----
2912 JET FUEL-----	18,875	-----	-----	-----	-----	-----	18,875	-----
2914 DISTILLATE FUEL OIL-----	124,396	-----	-----	-----	-----	9,277	43,895	51,224
2915 RESIDUAL FUEL OIL-----	530,935	-----	-----	27,315	88,915	78,693	278,787	57,225
2917 NAPHTHA, PETROLEUM SOLVENTS-----	238,311	-----	-----	-----	-----	12,101	226,210	-----
2918 ASPHALT, TAR, AND PITCHES-----	23,714	5,828	-----	6,818	11,068	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	1,201	-----	-----	-----	-----	1,201	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	2,402	-----	-----	-----	-----	-----	2,402	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,200	-----	-----	-----	-----	1,200	-----	-----
3318 FERROALLOYS-----	1,400	-----	-----	-----	-----	-----	1,400	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,161	-----	-----	-----	-----	1,161	1,000	-----
3731 SHIPS AND BOATS-----	518	-----	-----	-----	-----	221	139	158
4011 IRON AND STEEL SCRAP-----	2,805	-----	-----	-----	-----	2,805	-----	-----
TOTAL TON-MILES, 4,693,139.								

ALABAMA-COOSA RIVERS, ALA. AND GA.

SECTION INCLUDED: MOUTH TO WETUMPKA, ALA. CONTROLLING DEPTH: 9 FEET; PROJECT DEPTH: MOUTH TO WETUMPKA, 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,333,098	1974-----	1,714,381
1972-----	1,582,028	1977-----	1,684,117
1973-----	2,149,804	1978-----	1,966,874
1974-----	2,120,333	1979-----	2,028,366
1975-----	2,247,812	1980-----	1,501,448

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	UPBOUND
TOTAL-----	1,501,448	90,896	960,644	449,908
0107 WHEAT-----	4,536	-----	4,536	-----
0111 SOYBEANS-----	40,196	-----	40,196	-----
1311 CRUDE PETROLEUM-----	20,540	-----	20,540	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,073,457	-----	623,549	449,908
2411 LOGS-----	39,570	4,800	34,770	-----
2415 PULPWOOD, LOG-----	71,996	-----	71,996	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	152,825	-----	152,825	-----
2611 PULP-----	11,232	-----	11,232	-----
2813 ALCOHOLS-----	4,436	4,436	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	35,993	35,993	-----	-----
2915 RESIDUAL FUEL OIL-----	45,667	45,667	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,000	-----	1,000	-----
TOTAL TON-MILES, 193,277,753.				

BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.

SECTION INCLUDED: MOUTH OF CHICKASAW CREEK TO MILE 427 ON MULBERRY FORK, MILE 427.6 ON SIPSEY FORK, AND MILE 407 ON LOCUST FORK OF THE BLACK WARRIOR RIVER. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	12,121,412	1976-----	14,705,635
1972-----	14,491,949	1977-----	15,287,119
1973-----	14,101,223	1978-----	14,600,815
1974-----	15,548,253	1979-----	15,311,328
1975-----	12,797,822	1980-----	18,708,082

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## BLACK WARRIOR AND TOBISBEE RIVERS, ALA.--CONTINUED

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		THROUGH	
		SHIPMENTS	UPBOUND	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	16,708,882	10,800	60	8,786,219	7,997,855	57,882	3,766,663
0107 WHEAT-----	15,484				10,948		4,536
0111 SOYBEANS-----	141,163				49,120		96,043
0931 MARINE SHELLS, UNMANUFACTURED-----	339,958			306,696	33,262		
1011 IRON ORE AND CONCENTRATES-----	2,426,310			2,420,508	5,802		
1051 ALUMINUM ORES, CONCENTRATES-----	1,990				1,990		
1061 MANGANESE ORES, CONCENTRATES-----	37,143				37,143		
1121 COAL AND LIGNITE-----	9,646,079			18,628	5,877,744	28,847	3,717,789
1311 CRUDE PETROLEUM-----	513,235			350,147	158,308	2,482	2,298
1411 LIMESTONE-----	457,446				457,446		
1442 SAND, GRAVEL, CRUSHED ROCK-----	880,757			54,775	206,725		619,257
1451 CLAY-----	67,974			17,914	49,660		
1499 NONMETALLIC MINERALS, NEC-----	142,905			142,905			
2042 PREPARED ANIMAL FEEDS-----	5,200			5,200			
2049 GRAIN MILL PRODUCTS, NEC-----	3,000						3,000
2411 LOGS-----	101,480			5,370	35,400	15,640	16,270
2415 PULPMOOD, LOG-----	171,609				99,613		
2416 WOOD CHIPS, STAVES, HOLDINGS-----	152,825						
2611 PULP-----	11,232						
2810 SODIUM HYDROXIDE-----	224,179	10,800		103,228	99,666	10,493	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	26,040			3,208	22,840		
2813 ALCOHOLS-----	16,792			12,396			4,436
2817 BENZENE AND TOLUENE-----	11,960			11,960			
2818 SULPHURIC ACID-----	25,151			7,000	18,061		
2819 BASIC CHEMICALS AND PROD, NEC-----	63,973			28,271	34,902	800	
2821 PLASTIC MATERIALS-----	5,300			5,300			
2871 NITROGENOUS CHEM FERTILIZERS-----	3,214			3,214			
2879 FERTILIZER AND MATERIALS, NEC-----	70,714			18,276			52,438
2891 MISCELLANEOUS CHEMICAL PROD-----	1,031				1,031		
2911 GASOLINE-----	21,021			3,200	14,621	3,200	
2912 JET FUEL-----	11,376			11,376			
2914 DISTILLATE FUEL OIL-----	28,159		60	19,734	8,365		
2915 RESIDUAL FUEL OIL-----	532,903			74,944	399,272	20,106	38,581
2916 LUBRICATING OILS AND GREASES-----	24,312			24,312			
2917 NAPHTHA, PETROLEUM SOLVENTS-----	24,534			7,058	17,476		
2918 ASPHALT, TAR, AND PITCHES-----	47,834			47,086	748		
2920 COKE, PETROLEUM COKE-----	1,378			1,378			
3241 BUILDING CEMENT-----	9,850				9,850		
3251 STRUCTURAL CLAY PRODUCTS-----	51,493				51,493		
3291 MISC NONMETALLIC MINERAL PROD-----	1,295			1,295			
3311 PIG IRON-----	5,053			3,665	1,368		
3314 IRON AND STEEL PRIMARY FORMS-----	9,904			8,645	1,259		
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,000				3,000		
3316 IRON AND STEEL PLATES, SHEETS-----	51,739			20,435	30,304	1,000	
3317 IRON AND STEEL PIPE AND TUBE-----	11,135			11,135			
3318 FERROALLOYS-----	14,468			14,468			
3319 IRON AND STEEL PRODUCTS, NEC-----	24,663			1,200	23,463		
3411 FABRICATED METAL PRODUCTS-----	11,443			9,400	1,043		1,000
3511 MACHINERY, EXCEPT ELECTRICAL-----	16,996			7,996	2,000	7,000	
4011 IRON AND STEEL SCRAP-----	241,950			1,250	240,700		
4012 NONFERROUS METAL SCRAP-----	632				632		
TOTAL TON-MILES, 5,175,059,109.							

## PASCAGOULA HARBOR, MISS.

SECTION INCLUDED: LOWER 4 MILES OF DOG RIVER AND LOWER 6.8 MILES OF PASCAGOULA RIVER, MISSISSIPPI SOUND, BAYOU CASOTTE, AND HORN ISLAND PASS CHANNELS. CONTROLLING DEPTHS: HORN ISLAND PASS, 40 FEET; MISSISSIPPI SOUND AND RIVER TO L & N RAILROAD BRIDGE, 32 FEET; MISSISSIPPI SOUND AND BAYOU CASOTTE CHANNEL, 35 FEET; L & N RAILROAD BRIDGE TO STATE HIGHWAY 63 BRIDGE, 11 FEET; STATE HIGHWAY 63 BRIDGE TO MILE 4 ON DOG RIVER, 12 FEET. PROJECT DEPTHS: HORN ISLAND PASS, 40 FEET; MISSISSIPPI SOUND AND RIVER TO L & N RAILROAD BRIDGE, 38 FEET; MISSISSIPPI SOUND AND BAYOU CASOTTE, 38 FEET; L & N RAILROAD BRIDGE TO STATE HIGHWAY 63 BRIDGE, 22 FEET; STATE HIGHWAY 63 BRIDGE TO MILE 4 ON DOG RIVER, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	10,098,503	1976-----	23,927,049
1972-----	12,434,967	1977-----	23,832,891
1973-----	12,876,864	1978-----	25,244,343
1974-----	13,073,153	1979-----	28,289,493
1975-----	19,950,992	1980-----	29,433,560

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	25,433,560	9,444,487	4,226,421	519,132	5,988,884	1,501,759	3,419,044	133,833
0103 CORN-----	3,188,444		2,751,387			437,057		
0109 RICE-----	97,577		90,838			6,739		
0107 WHEAT-----	118,738		106,578			10,652	1,508	

## PASCAGOULA HARBOR, MISS.--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0111 SOYBEANS-----	623,680		577,057			46,623		
0119 OILSEEDS, NEC-----	3,399					1,702	1,697	
0141 FRESH AND FROZEN VEGETABLES-----	4,382		4,382					
0161 ANIMALS AND PRODUCTS, NEC-----	1,546					1,546		
0841 CRUDE RUBBER AND ALLIED GUMS-----	11,973	11,973						
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,767					1,767		
0912 SHELLFISH, EXCEPT PREPARED-----	1,119					1,119		
0913 MENHADEN-----	42,194					42,190	4	
0931 MARINE SHELLS, UNMANUFACTURED-----	73,693					73,693		
1021 COPPER ORE AND CONCENTRATES-----	18,365		18,365					
1061 MANGANESE ORES, CONCENTRATES-----	1,211						1,211	
1091 NONFERROUS ORES, CONCENT, NEC-----	46,914		28,076			10,438	8,400	
1311 CRUDE PETROLEUM-----	9,557,460	9,557,460						
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,257					4,257		
1491 CLAY-----	2,354		1,744			305	305	
1471 PHOSPHATE ROCK-----	259,602			239,488	18,634	1,480		
1493 SULPHUR, LIQUID-----	71,114					71,114		
1499 NONMETALLIC MINERALS, NEC-----	1,460					1,460		
2039 PREP FRUIT AND VEG JUICE, NEC-----	2,982	2,982						
2041 WHEAT FLOUR AND SEMOLINA-----	5,282		5,282					
2042 PREPARED ANIMAL FEEDS-----	6,378		1,006			1,200	4,172	
2049 GRAIN MILL PRODUCTS, NEC-----	9,404		1,615				7,789	
2092 ANIMAL OILS AND FATS, NEC-----	9,300					3,300	6,000	
2095 ICE-----	4,511						4,511	
2415 PULPMOOD, LOG-----	117,865					117,865		
2421 LUMBER-----	2,167					185	1,982	
2431 VENEER, PLYWOOD, WORKED WOOD-----	483		483					
2491 WOOD MANUFACTURES, NEC-----	2		2					
2611 PULP-----	1,008						1,008	
2631 PAPER AND PAPERBOARD-----	19,919		16,523			1,698	1,698	
2810 SODIUM HYDROXIDE-----	39,623					39,623		
2817 BENZENE AND TOLUENE-----	31,560					31,560		
2818 SULPHURIC ACID-----	4,290					2,164	2,126	
2819 BASIC CHEMICALS AND PROD, NEC-----	520,783	12,814	402,081		15,405	1,598	88,885	
2821 PLASTIC MATERIALS-----	119		119					
2822 SYNTHETIC RUBBER-----	28,839					27,736	1,103	
2871 NITROGENOUS CHEM FERTILIZERS-----	41,877		763				41,114	
2872 POTASSIC CHEM FERTILIZERS-----	293,913					293,913		
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,418		3,418					
2876 INSECTICIDES, DISINFECTANTS-----	17		17					
2879 FERTILIZER AND MATERIALS, NEC-----	839,240		166,250			28,428	581,189	63,373
2891 MISCELLANEOUS CHEMICAL PROD-----	14		14					
2911 GASOLINE-----	3,783,410			9,166	2,410,757	121,279	1,242,208	
2912 JET FUEL-----	1,166,121				1,014,909		151,612	
2913 KEROSENE-----	20,136		116		20,020			
2914 DISTILLATE FUEL OIL-----	1,102,024	31,846	10,368	95,648	815,163	39,272	64,752	44,975
2915 RESIDUAL FUEL OIL-----	2,714,722		22,807	174,630	1,443,076	25,170	1,025,664	23,375
2916 LUBRICATING OILS AND GREASES-----	177,798	2,862			174,936			
2918 ASPHALT, TAR, AND BITUMENS-----	19,773				6,908		12,865	
2921 LIQUEFIED GASES-----	168,987				29,661	1,717	137,609	
3011 RUBBER AND MISC PLASTIC PROD-----	2		2					
3291 STRUCTURAL CLAY PRODUCTS-----	4,225					4,225		
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,629					1,629		
3316 IRON AND STEEL PLATES, SHEETS-----	43,663					42,463	1,200	
3319 IRON AND STEEL PRODUCTS, NEC-----	573					573		
3323 LEAD AND ZINC, UNWORKED-----	8,286		8,286					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	776		776					
3411 FABRICATED METAL PRODUCTS-----	4,322		1,050		58	164	3,050	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,430		230	200		1,000		
3611 ELECTRICAL MACH AND EQUIP-----	403		403					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,148					1,148		
3731 SHIPS AND BOATS-----	45,074		5		39,757		3,292	2,110
3791 MISC TRANSPORTATION EQUIPMENT-----	25,552	24,445				1,107		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	135	185	30					
3911 MISC MANUFACTURED PRODUCTS-----	700					600	100	
4011 IRON AND STEEL SCRAP-----	16,677						16,677	
4012 NONFERROUS METAL SCRAP-----	6,712		6,348				364	
4029 WASTE AND SCRAP, NEC-----	5,039						5,039	
TOTAL TON-MILES, 187,527,633.								

BAYOU CASOTTE, MISS. (INCLUDED IN TRAFFIC OF  
PASCAGOULA HARBOR, MISS.)SECTION INCLUDED: ENTRANCE (SOUND) CHANNEL AND LOWER 1.2 MILES IN BAYOU. CONTROLLING DEPTH: ENTRANCE AND BAYOU, 35 FEET. PROJECT  
DEPTH: ENTRANCE AND BAYOU, 38 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	8,396,563	1976-----	20,478,068
1972-----	9,457,325	1977-----	20,944,337
1973-----	9,179,043	1978-----	20,621,523
1974-----	10,555,159	1979-----	20,399,587
1975-----	16,468,680	1980-----	20,970,090

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

BAYOU CASOTTE, MISS. (INCLUDED IN TRAFFIC OF  
PASCAGOULA HARBOR, MISS.)--CONTINUED

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	20,970,090	9,567,931	766,822	518,932	5,949,869	685,000	8,352,556	129,780
0103 CORN-----	4,234					4,234		
0105 RICE-----	67,875		67,875					
0111 SOYBEANS-----	17,422		4,373			13,049		
0141 FRESH AND FROZEN VEGETABLES-----	4,382		4,382					
0841 CRUDE RUBBER AND ALLIED GUMS-----	6,748	6,748						
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,208					1,208		
0912 SHELLFISH, EXCEPT PREPARED-----	423					423		
0931 MARINE SHELLS, UNMANUFACTURED-----	50,399					50,399		
1021 COPPER ORE AND CONCENTRATES-----	18,365		18,365					
1041 MANGANESE ORES, CONCENTRATES-----	1,211						1,211	
1091 NONFERROUS ORES, CONCENT, NEC-----	39,926		28,076			10,438	1,412	
1311 CRUDE PETROLEUM-----	9,926,475	9,926,475						
1451 CLAY-----	1,744		1,744					
1471 PHOSPHATE ROCK-----	258,122			239,488	18,634			
1493 SULPHUR, LIQUID-----	71,114					71,114		
1499 NONMETALLIC MINERALS, NEC-----	1,460					1,460		
2041 WHEAT FLOUR AND SEMOLINA-----	2,012		2,012					
2042 PREPARED ANIMAL FEEDS-----	1,006		1,006					
2049 GRAIN MILL PRODUCTS, NEC-----	1,615		1,615					
2431 VENEER, PLYWOOD, WORKED WOOD-----	483		483					
2631 PAPER AND PAPERBOARD-----	15,746		15,746					
2810 SODIUM HYDROXIDE-----	9,819					9,819		
2817 BENZENE AND TOLUENE-----	28,710					28,710		
2818 SULPHURIC ACID-----	4,290					2,164	2,126	
2819 BASIC CHEMICALS AND PROD, NEC-----	505,112		402,081		15,405	1,598	86,028	
2871 NITROGENOUS CHEM FERTILIZERS-----	41,877		763				41,114	
2872 POTASSIC CHEM FERTILIZERS-----	285,637					285,637		
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,418		3,418					
2879 FERTILIZER AND MATERIALS, NEC-----	836,427		166,250			28,428	578,376	63,373
2911 GASOLINE-----	3,783,410			9,166	2,410,757	121,279	1,242,208	
2912 JET FUEL-----	1,166,121				1,014,509		151,612	
2913 KEROSENE-----	20,020				20,020			
2914 DISTILLATE FUEL OIL-----	1,100,208	31,846	10,368	95,648	815,163	37,529	64,752	44,902
2915 RESIDUAL FUEL OIL-----	2,696,622		22,807	174,630	1,443,076	8,940	1,025,664	21,505
2916 LUBRICATING OILS AND GREASES-----	177,798	2,882			174,936			
2918 ASPHALT, TAR, AND PITCHES-----	18,269				6,908		11,361	
2921 LIQUEFIED GASES-----	168,987				29,661	1,717	137,609	
3251 STRUCTURAL CLAY PRODUCTS-----	4,225					4,225		
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,629					1,629		
3316 IRON AND STEEL PLATES, SHEETS-----	1,000					1,000		
3323 LEAD AND ZINC, UNWORKED-----	8,286		8,286					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	776		776					
3411 FABRICATED METAL PRODUCTS-----	38		38					
3511 MACHINERY, EXCEPT ELECTRICAL-----	10		10					
3611 ELECTRICAL MACH AND EQUIP-----	403		403					
4011 IRON AND STEEL SCRAP-----	5,317						5,317	
4012 NONFERROUS METAL SCRAP-----	5,945		5,945					
4029 WASTE AND SCRAP, NEC-----	3,766						3,766	
TOTAL TON-MILES, 97,152,955.								

## BILOXI HARBOR, MISS.

SECTION INCLUDED: MISSISSIPPI SOUND, BILOXI BAY, BACK BAY, AND LAND CUT TO GULFPORT LAKE, CONTROLLING DEPTHS: EAST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO GULFPORT LAKE, 9 FEET; WEST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO GULFPORT LAKE, 9 FEET DRY BAYOU, 6.0 FEET, PROJECT DEPTHS: EAST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO GULFPORT LAKE, 12 FEET; WEST ENTRANCE CHANNEL, MISSISSIPPI SOUND TO GULFPORT LAKE, 10 FEET; DRY BAYOU, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	609,818	1976-----	1,679,003
1972-----	855,797	1977-----	1,715,624
1973-----	1,245,942	1978-----	1,253,900
1974-----	1,811,557	1979-----	1,681,505
1975-----	1,789,381	1980-----	2,286,404

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
TOTAL-----	2,286,404	8,246,815	39,589
0911 FRESH FISH, EXCEPT SHELLFISH-----	14,800	14,800	
0912 SHELLFISH, EXCEPT PREPARED-----	1,350	1,350	
0931 MARINE SHELLS, UNMANUFACTURED-----	46,977	46,977	
1121 COAL AND LIGNITE-----	2,044,567	2,044,193	3,374
2099 ICE-----	5,796		3,766
2411 LOGS-----	1,212		1,212

## MOBILE, ALA., DISTRICT

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BILLOXI HARBOR, MISS.--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 DOMESTIC--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		RECEIPTS	SHIPMENTS
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,242	1,242	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1,008	1,008	-----
2911 GASOLINE-----	83,377	83,377	-----
2912 JET FUEL-----	18,202	18,202	-----
2914 DISTILLATE FUEL OIL-----	21,394	19,430	1,964
2915 RESIDUAL FUEL OIL-----	6,880	6,880	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,600	3,600	-----
3291 MISC NONMETALLIC MINERAL PROD-----	28,727	900	27,827
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,890	2,890	-----
3316 IRON AND STEEL PLATES, SHEETS-----	1,200	1,200	-----
3411 FABRICATED METAL PRODUCTS-----	1,531	-----	1,531
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,272	-----	1,272
3731 SHIPS AND BOATS-----	379	-----	379
TOTAL TON-MILES, 33,034,800,			

## GULFPORT HARBOR, MISS.

SECTION INCLUDED: MISSISSIPPI SOUND CHANNEL, SHIP ISLAND PASS CHANNEL, AND SMALL CRAFT HARBOR ABOUT 4,300 FEET LONG WEST OF THE ANCHORAGE BASIN, CONTROLLING DEPTH: MISSISSIPPI SOUND, 30 FEET; SHIP ISLAND PASS, 30 FEET; SMALL CRAFT HARBOR, 8 FEET. PROJECT DEPTH: MISSISSIPPI SOUND, 30 FEET; SHIP ISLAND PASS, 32 FEET; SMALL CRAFT HARBOR, 8 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,315,431	1976-----	982,000
1972-----	1,197,621	1977-----	1,594,796
1973-----	988,827	1978-----	1,145,079
1974-----	821,024	1979-----	1,059,947
1975-----	922,379	1980-----	1,241,808

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,241,808	726,848	437,407	69,364	8,189
0101 COTTON, RAW-----	27,162	-----	27,162	-----	-----
0103 CORN-----	1,350	-----	-----	1,350	-----
0109 RICE-----	43,216	-----	43,216	-----	-----
0111 SOYBEANS-----	434	-----	7	427	-----
0119 OILSEEDS, NEC-----	452	-----	-----	-----	452
0121 TOBACCO, LEAF-----	28	13	15	-----	-----
0129 FIELD CROPS, NEC-----	1	-----	1	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	494,927	494,927	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	15,092	-----	15,092	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	3,034	-----	3,034	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	107	-----	19	88	-----
0912 SHELLFISH, EXCEPT PREPARED-----	891	-----	4	887	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	4,000	-----	-----	4,000	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	107,659	107,657	22	-----	-----
1121 COAL AND LIGNITE-----	26	-----	26	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,000	-----	-----	1,000	1,000
1451 CLAY-----	6	-----	6	-----	-----
1471 PHOSPHATE ROCK-----	4,478	4,478	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	20	-----	20	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	76,471	-----	76,471	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	15	-----	15	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	82	-----	82	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	699	-----	699	-----	-----
2022 DRIED MILK AND CREAM-----	2	-----	2	-----	-----
2034 VEGETABLES AND PREP, NEC-----	739	-----	739	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	44,380	44,099	281	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	9	-----	9	-----	-----
2042 PREPARED ANIMAL FEEDS-----	13,622	212	13,410	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	2,471	-----	2,470	-----	381
2081 ALCOHOLIC BEVERAGES-----	93	-----	93	-----	-----
2091 VEGETABLE OILS, MARK, SHOPT-----	393	-----	393	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	394	-----	7	-----	389
2211 BASIC TEXTILE PRODUCTS-----	744	399	41	304	-----
2212 TEXTILE FIBERS, NEC-----	604	322	2	280	-----
2311 APPAREL-----	8	-----	8	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	10,506	-----	10,506	-----	-----
2421 LUMBER-----	26,527	25,979	548	-----	260
2491 WOOD MANUFACTURES, NEC-----	8,798	20	8,778	-----	-----
2511 FURNITURE AND FIXTURES-----	7	-----	7	-----	-----
2611 PULP-----	2,226	-----	-----	420	1,386
2631 PAPER AND PAPERBOARD-----	143,726	20	143,706	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	95	-----	95	-----	-----
2711 PRINTED MATTER-----	27	-----	27	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,233	-----	95	938	-----
2812 DYES, PIGMENT, TANNING MATS-----	4	-----	4	-----	-----



## GULFPORT HARBOR, MISS.--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
2813 ALCOHOLS-----	3		3		
2819 BASIC CHEMICALS AND PROD, NEC-----	62,963	1,440	4,523	1,000	
2821 PLASTIC MATERIALS-----	2,842		2,842		
2831 DRUGS-----	74	50	24		
2841 SOAP-----	32		32		
2851 PAINTS-----	98		98		
2861 GUM AND WOOD CHEMICALS-----	3,099	3,099			
2871 NITROGENOUS CHEM FERTILIZERS-----	11,792		11,792		
2873 PHOSPHATIC CHEM FERTILIZERS-----	13,825		13,825		
2876 INSECTICIDES, DISINFECTANTS-----	2,973		2,973		
2879 FERTILIZER AND MATERIALS, NEC-----	90,980		25,828	25,192	
2891 MISCELLANEOUS CHEMICAL PROD-----	13,898	1,656	12,242		
2911 GASOLINE-----	29		29		
2913 KEROSENE-----	155		155		
2914 DISTILLATE FUEL OIL-----	12,519			12,519	
2915 RESIDUAL FUEL OIL-----	3,389			3,238	151
2916 LUBRICATING OILS AND GREASES-----	855		855		
2918 ASPHALT, TAR, AND PITCHES-----	32		32		
2920 COKE, PETROLEUM COKE-----	9		9		
2921 LIQUEFIED GASES-----	119		119		
2951 ASPHALT BUILDING MATERIALS-----	2		2		
2991 PETROLEUM AND COAL PROD, NEC-----	1,161	1,160	1		
3011 RUBBER AND MISC PLASTIC PROD-----	381	27	354		
3111 LEATHER AND LEATHER PRODUCTS-----	1		1		
3211 GLASS AND GLASS PRODUCTS-----	66	38	28		
3251 STRUCTURAL CLAY PRODUCTS-----	141		141		
3291 CUT STONE AND STONE PRODUCTS-----	40	40			
3291 MISC NONMETALLIC MINERAL PROD-----	11		11		
3314 IRON AND STEEL PRIMARY FORMS-----	1,986	20		1,966	
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,508	19,424	201	2,883	
3316 IRON AND STEEL PLATES, SHEETS-----	12,832		148	9,752	2,932
3317 IRON AND STEEL PIPE AND TUBE-----	2,124		1,124	1,000	
3319 IRON AND STEEL PRODUCTS, NEC-----	983	57	926		
3321 NONFERROUS METALS, NEC-----	128	36	92		
3322 COPPER ALLOYS, UNWORKED-----	6		6		
3323 LEAD AND ZINC, UNWORKED-----	22		22		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	13		13		
3411 FABRICATED METAL PRODUCTS-----	4,823	29	3,193	1,531	70
3511 MACHINERY, EXCEPT ELECTRICAL-----	24,025	21,235	2,790		
3611 ELECTRICAL MACH AND EQUIP-----	210		210		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	495	240	255		
3721 AIRCRAFT AND PARTS-----	1		1		
3731 SHIPS AND BOATS-----	485		485		
3791 MISC TRANSPORTATION EQUIPMENT-----	49		49		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	7		7		
3911 MISC MANUFACTURED PRODUCTS-----	55		5		50
4011 IRON AND STEEL SCRAP-----	4,039		4,039		
4022 TEXTILE WASTE, SCRAP, SWEEP-----	47		47		
4112 COMMODITIES, NEC-----	1,571	98	130	225	1,118
9999 DEPARTMENT OF DEFENSE AND SCI-----	166		166		
TOTAL TON-MILES, 25,126,831.					

## MOBILE, ALA., DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
APALACHICOLA BAY, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	109		
	0912 SHELLFISH, EXCEPT PREPARED-----	13,385		
	2095 ICE-----	3,970		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	1,600		
	3611 ELECTRICAL MACH AND EQUIP-----	850		
	TOTAL-----	19,514	78,056	
BAYOU BERNARD, MISS. (INCLUDED IN TRAFFIC OF BILOXI HARBOR, MISS.)-----	0931 MARINE SHELLS, MANUFACTURED-----	4,496		
	2411 LOGS-----	1,212		
	2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,242		
	2911 GASOLINE-----	2,376		
	2912 JET FUEL-----	18,202		
	2914 DISTILLATE FUEL OIL-----	1,964		
	3316 IRON AND STEEL PLATES, SHEETS-----	1,200		
	3411 FABRICATED METAL PRODUCTS-----	31		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	1,100		
	TOTAL-----	31,823	174,741	
BAYOU CODEN, ALA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	147	147	
BAYOU GALERE, MISS.,-----	NO COMMERCE REPORTED			
BAYOU LA BATRE, ALA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	2,093		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,457		
	2095 ICE-----	5,893		
	3291 MISC NONMETALLIC MINERAL PROD-----	1,500		
	3731 SHIPS AND BOATS-----	1,274		
	3791 MISC TRANSPORTATION EQUIPMENT-----	200		
	TOTAL-----	12,417	30,067	
BLACKWATER RIVER, FLA.,-----	0107 WHEAT-----	1,828		
	0111 SOYBEANS-----	20,629		
	2911 GASOLINE-----	16,448		
	2914 DISTILLATE FUEL OIL-----	9,189		
	TOTAL-----	48,094	564,971	
BON SECOUR RIVER, ALA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	255		
	0912 SHELLFISH, EXCEPT PREPARED-----	943		
	2095 ICE-----	8,703		
	3731 SHIPS AND BOATS-----	125		
	TOTAL-----	10,026	30,076	
CACET BAYOU, MISS.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6		
	0912 SHELLFISH, EXCEPT PREPARED-----	35		
	TOTAL-----	41	123	
CARRABELLE, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	77		
	0912 SHELLFISH, EXCEPT PREPARED-----	327		
	2095 ICE-----	1,645		
	TOTAL-----	2,049	18,441	
CHOCTAWHATCHEE RIVER, FLA. AND ALA.,-----	NO COMMERCE REPORTED			
DAUPHIN ISLAND BAY, ALA.,-----	0931 MARINE SHELLS, MANUFACTURED-----	15,320	30,640	
DOG AND FOWL RIVERS, ALA.,-----	3731 SHIPS AND BOATS-----	245	1,715	
EAST PASS CHANNEL FROM THE GULF OF MEXICO INTO CHOCTAWHATCHEE BAY, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6,000		
	0912 SHELLFISH, EXCEPT PREPARED-----	15		
	TOTAL-----	6,015	6,015	1,498,448
EAST PEARL RIVER, MISS.,-----	0931 MARINE SHELLS, MANUFACTURED-----	48,800		
	3317 IRON AND STEEL PIPE AND TUBE-----	7,007		
	TOTAL-----	55,807	817,021	
FLY CREEK (FAIRHOPE), ALA.,-----	NO COMMERCE REPORTED			
GRAND LAGOON, PANAMA CITY, FLA.,-----	2095 ICE-----	5	10	157,398
LA GRANGE BAYOU, FLA.,-----	0103 CORN-----	2,800		
	0107 WHEAT-----	3,219		
	0111 SOYBEANS-----	15,457		
	2879 FERTILIZER AND MATERIALS, NFO-----	4,937		
	2911 GASOLINE-----	127,100		
	2914 DISTILLATE FUEL OIL-----	9,600		
	TOTAL-----	162,913	656,989	
PANACEA, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	50		
	0912 SHELLFISH, EXCEPT PREPARED-----	30		
	2095 ICE-----	65		
	TOTAL-----	145	1,160	
PASCAGOULA RIVER, MISS.,-----	3291 MISC NONMETALLIC MINERAL PROD-----	2,250		
	3411 MACHINERY, EXCEPT ELECTRICAL-----	750		
	TOTAL-----	3,000	9,000	

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
PASS CHRISTIAN HARBOR, MISS.-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	4	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	90	-----	-----
	TOTAL-----	94	-----	-----
PEARL RIVER, MISS. AND LA.-----	1451 CLAY-----	120,192	-----	-----
	2914 DISTILLATE FUEL OIL-----	118	-----	-----
	TOTAL-----	120,310	964,132	-----
PERDIDO PASS CHANNEL, ALA.-----				41,972
UPPER CHIPOLA RIVER, FLA., FROM MOUTH TO MARJANNA-----	NO COMMERCE REPORTED			
WATERWAY CONNECTING THE TOMBIGBEE AND TENNESSEE RIVERS, ALA. AND MISS. (MOBILE DISTRICT)-----	0111 SOYBEANS-----	55,847	-----	-----
	1121 COAL AND LIGNITE-----	3,859	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	34,202	-----	-----
	2049 GRAIN MILL PRODUCTS, NEC-----	3,000	-----	-----
	2879 FERTILIZER AND MATERIALS, NEC-----	16,445	-----	-----
	2914 DISTILLATE FUEL OIL-----	60	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	1,000	-----	-----
	TOTAL-----	114,413	1,962,076	-----
WOLF AND JORDAN RIVERS, MISS.-----	0931 MARINE SHELLS, UNMANUFACTURED-----	12,000	-----	-----
	2415 PULPWOOD, LOG-----	33,688	-----	-----
	TOTAL-----	45,688	440,256	-----

# NEW ORLEANS, LA., DISTRICT

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## INNERHARBOR NAVIGATION CANAL, LA. (INCLUDED IN TRAFFIC OF PORT OF NEW ORLEANS)

SECTION INCLUDED: FROM MISSISSIPPI RIVER TO LAKE PONCHARTRAIN, 5.5 MILES, CONTROLLING DEPTH (MEAN LOW GULF): LOCK TO MILE 2.1, 30 FEET; TO SEABROOK BRIDGE, 32 FEET; TO SEABROOK LIGHT, 42 FEET. PROJECT DEPTH: 32 FEET TO MILE 2.1, NONE BEYOND.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	8,714,972	1976	9,653,944
1972	7,929,667	1977	10,733,569
1973	8,522,447	1978	9,858,720
1974	9,847,796	1979	9,104,940
1975	9,523,556	1980	7,876,800

\* DOES NOT INCLUDE 13,940,206 TONS OF COMMERCE, REPORTED AS GULF INTRACOASTAL WATERWAY TRAFFIC WHICH UTILIZES THE LOCK AND A PORTION OF THE INNERHARBOR NAVIGATION CANAL IN MOVING BETWEEN THE MISSISSIPPI RIVER AND GULF INTRACOASTAL WATERWAY.

### FREIGHT TRAFFIC, 1980

#### FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH NORTHBOUND	THROUGH SOUTHBOUND
TOTAL	2,902,602	1,532,518	1,259,805	267,768	342,511
0101 COTTON, RAW	9,730	168	9,562		
0102 BARLEY AND RYE	321	306	15		
0103 CORN	36,446		34,580	1,866	
0104 OATS	452		452		
0105 RICE	22,455		22,301	154	
0107 WHEAT	61,958	0	4,605	57,344	
0111 SOYBEANS	24,579		338	24,249	
0119 OILSEEDS, NEC	863	353	510		
0121 TOBACCO, LEAF	22,072	16,912	5,160		
0129 FIELD CROPS, NEC	1,001	465	536		
0131 FRESH FRUITS AND TREE NUTS	2,665	2,554	111		
0133 COFFEE	74,479	72,273	2,206		
0134 COCOA BEANS	783	560	223		
0141 FRESH AND FROZEN VEGETABLES	12,015	87	11,928		
0161 ANIMALS AND PRODUCTS, NEC	3,120	106	3,012	2	
0191 MISCELLANEOUS FARM PRODUCTS	454	402	43	9	
0841 CRUDE RUBBER AND ALLIED GUMS	3,723	3,419	304		
0861 FOREST PRODUCTS, NEC	557	180	377		
0912 SMELTFISH, EXCEPT PREPARED	167	21	146		
1051 ALUMINUM ORES, CONCENTRATES	56,270	41,969	9,013	5,608	
1061 MANGANESE ORES, CONCENTRATES	6,772		6,772		
1091 NONFERROUS ORES, CONCENTRATES, NEC	19,920	9,242	10,678		
1121 COAL AND LIGNITE	22,814	43	301	22,470	
1311 CRUDE PETROLEUM	186,376	186,376			
1411 LIMESTONE	182,049	169,623	622		11,804
1412 BUILDING STONE, UNWORKED	63		63		
1442 SAND, GRAVEL, CRUSHED ROCK	858		858		
1451 CLAY	495,257	171,163	23,358	4,892	285,844
1471 PHOSPHATE ROCK	4,988			4,988	
1492 SULPHUR, DRY	628		628		
1499 NONMETALLIC MINERALS, NEC	24,269	352	13,495	10,422	
1911 ORDNANCE AND ACCESSORIES	355	115	240		
2011 MEAT, FRESH, CHILLED, FROZEN	37,276	31,457	5,774	45	
2012 MEAT AND PRODUCTS, NEC	3,415	2,071	1,316	8	
2014 TALLOW, ANIMAL FATS AND OILS	4,653		4,653		
2015 ANIMAL BY-PRODUCTS, NEC	3,171	309	2,802		
2021 DAIRY PRODUCTS, NEC	1,645	1,432	213		
2022 DRIED MILK AND CREAM	5,463	652	4,800	11	
2031 FISH AND SMELTFISH, PREPARED	673		671	2	
2034 VEGETABLES AND PREP, NEC	9,043	4,494	3,524	25	
2039 PREP FRUIT AND VEG JUICE, NEC	5,849	4,258	1,591		
2041 WHEAT FLOUR AND SEMOLINA	42,090		22,989	19,101	
2042 PREPARED ANIMAL FEEDS	18,967	36	12,795	3,540	2,496
2049 GRAIN MILL PRODUCTS, NEC	25,666	350	25,227	89	
2061 SUGAR	18,908	15,432	71	3,405	
2081 ALCOHOLIC BEVERAGES	31,546	22,402	9,144		
2091 VEGETABLE OILS, MARG, SHORT	22,251	1,824	19,367	1,060	
2099 MISCELLANEOUS FOOD PRODUCTS	16,729	9,337	7,997	375	
2111 TOBACCO MANUFACTURES	69	61	8		
2211 BASIC TEXTILE PRODUCTS	21,498	8,021	13,776	101	
2212 TEXTILE FIBERS, NEC	275		275		
2311 APPAREL	2,371	122	2,245	4	
2411 LOGS	4,735	2,021	4,714		
2413 FUEL WOOD, CHARCOAL, WASTES	3,317		3,046	261	
2416 WOOD CHIPS, STAVES, WOODINGS	358		358		
2421 LUMBER	26,511	5,811	20,644	35	
2431 VENEER, PLYWOOD, WORKED WOOD	4,173	933	3,148	122	
2491 WOOD MANUFACTURES, NEC	21,634	6,310	15,231	93	
2511 FURNITURE AND FIXTURES	4,673	2,824	1,844	8	
2611 PULP	13,962	2,331	11,661		
2631 PAPER AND PAPERBOARD	76,062	823	73,759	1,483	
2691 PULP AND PAPER PRODUCTS, NEC	4,923	136	4,754	37	
2711 PRINTED MATTER	508	153	355		
2811 CRUDE TAR, OIL, GAS PRODUCTS	6	3	3		
2812 DYES, PIGMENT, TANNING MATS	132		132		
2813 ALCOHOLS	6		6		
2819 BASIC CHEMICALS AND PROD, NEC	124,985	27,426	100,569	1,007	3,159
2821 PLASTIC MATERIALS	87,616	9,217	77,722	693	
2822 SYNTHETIC RUBBER	29,875		29,812	18	
2823 SYNTHETIC (MAN-MADE) FIBERS	1,668	70	1,598		

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

INVERHARBOR NAVIGATION CANAL, LA. \* INCLUDED IN  
TRAFFIC OF PORT OF NEW ORLEANS)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH	
				NORTHBOUND	SOUTHBOUND
2831 DRUGS-----	3,819	390	3,417	12	-----
2841 SOAP-----	8,680	5,064	3,599	17	-----
2851 PAINTS-----	4,730	3,429	1,300	1	-----
2861 GUM AND WOOD CHEMICALS-----	6,280	116	5,991	173	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	6,750	2	2,211	4,537	-----
2872 POTASSIC CHEM FERTILIZERS-----	1,559	-----	1,559	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	5,027	-----	5,027	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	19,779	4,045	15,734	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	5,232	16	710	-----	4,506
2891 MISCELLANEOUS CHEMICAL PROD-----	47,562	15,388	32,071	105	-----
2911 GASOLINE-----	1,220	-----	1,220	-----	-----
2913 KEROSENE-----	20	-----	20	-----	-----
2916 LUBRICATING OILS AND GREASES-----	20,977	124	19,302	1,551	-----
2918 ASPHALT, TAR, AND BITUMENS-----	1,429	43	149	-----	1,237
2920 COKE, PETROLEUM COKE-----	88,115	4	20,104	46,182	21,825
2921 LIQUEFIED GASES-----	91	-----	91	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	1,332	-----	1,332	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	3,300	-----	3,300	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	31,756	14,427	17,166	163	-----
3111 LEATHER AND LEATHER PRODUCTS-----	2,105	1,865	234	6	-----
3211 GLASS AND GLASS PRODUCTS-----	9,615	974	8,564	77	-----
3241 BUILDING CEMENT-----	66,182	65,551	631	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	10,059	811	8,919	329	-----
3271 LIME-----	254	-----	254	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	592	523	40	29	-----
3291 MISC NONMETALLIC MINERAL PROD-----	2,998	1,182	1,801	15	-----
3314 IRON AND STEEL PRIMARY FORMS-----	19,944	-----	9,645	10,299	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	17,434	13,101	4,315	18	-----
3316 IRON AND STEEL PLATES, SHEETS-----	6,462	-----	6,393	69	-----
3317 IRON AND STEEL PIPE AND TUBE-----	7,148	2,640	4,500	8	-----
3318 FERRI-ALLOYS-----	21,081	1,847	1,261	13,178	4,795
3319 IRON AND STEEL PRODUCTS, NEC-----	6,463	5,297	1,142	24	-----
3321 NONFERROUS METALS, NEC-----	2,438	206	2,121	111	-----
3322 COPPER ALLOYS, UNWORKED-----	6,331	3,114	3,179	30	-----
3323 LEAD AND ZINC, UNWORKED-----	3,363	143	3,220	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	24,577	213	17,511	7	6,846
3411 FABRICATED METAL PRODUCTS-----	34,748	17,789	16,679	280	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	69,956	25,674	43,987	295	-----
3611 ELECTRICAL MACH AND EQUIP-----	21,380	4,506	16,766	108	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	13,576	4,094	9,455	27	-----
3721 AIRCRAFT AND PARTS-----	173	37	136	-----	-----
3731 SHIPS AND BOATS-----	1,364	41	1,312	11	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	4,959	3,891	1,068	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,981	459	1,515	7	-----
3911 MISC MANUFACTURED PRODUCTS-----	5,800	2,244	3,543	13	-----
4011 IRON AND STEEL SCRAP-----	320,732	120	294,476	26,136	-----
4012 NONFERROUS METAL SCRAP-----	6,778	185	6,308	285	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	1,683	480	1,203	-----	-----
4024 PAPER WASTE AND SCRAP-----	3,021	-----	3,021	-----	-----
4112 COMMODITIES, NEC-----	5,019	4,048	971	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	326	-----	272	54	-----

TON-MILES, FOREIGN.

5,957,880.

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				
		RECEIPTS	SHIPMENTS	THROUGH	RECEIPTS	SHIPMENTS	THROUGH	
				NORTHBOUND			NORTHBOUND	SOUTHBOUND
TOTAL-----	4,974,198	49,422	311,994	9,794	1,657,809	457,709	153,691	2,334,079
0103 CORN-----	1,550	-----	-----	-----	1,550	-----	-----	-----
0109 RICE-----	16,218	286	15,932	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	58	13	45	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	225	11	214	-----	-----	-----	-----	-----
0122 HAY AND FODDER-----	1	-----	1	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	41	9	32	-----	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	45	45	-----	-----	-----	-----	-----	-----
0133 COFFEE-----	13,437	9,952	3,485	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	5,920	-----	5,920	-----	-----	-----	-----	-----
0161 ANIMALS AND PROD CTS, NEC-----	924	-----	924	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	281	5	276	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	5	-----	5	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	25	10	15	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	2,387,400	-----	-----	-----	667,600	-----	-----	1,719,800
1011 IRON ORE AND CONCENTRATES-----	9,241	-----	-----	-----	5,115	-----	-----	4,126
1021 COPPER ORE AND CONCENTRATES-----	1,600	-----	-----	-----	-----	1,600	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	6,375	-----	-----	-----	-----	-----	-----	6,375
1061 MANGANESE ORES, CONCENTRATES-----	11,856	-----	-----	-----	-----	1,748	800	9,308
1091 NONFERROUS ORES, CONCENT, NEC-----	48,344	-----	-----	-----	-----	-----	7,458	40,886
1121 COAL AND LIGNITE-----	16,120	-----	18	-----	7,930	-----	8,572	-----
1311 CRUDE PETROLEUM-----	387,464	-----	-----	-----	-----	-----	4,596	382,868
1411 LIMESTONE-----	458,612	-----	-----	-----	458,612	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	189,671	-----	143	-----	185,393	3,500	15	-----
1451 CLAY-----	278,288	-----	58	-----	1,600	203,211	1,440	1,890
1494 GYPSUM, CHALK AND PLASTER-----	160	33	127	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	8,671	-----	43	-----	-----	-----	-----	8,628
1911 ORDNANCE AND ACCESSORIES-----	174	124	-----	-----	-----	-----	-----	-----

## NEW ORLEANS, LA., DISTRICT

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INNERHARBOR NAVIGATION CANAL, LA. (INCLUDED IN  
TRAFFIC OF PORT OF NEW ORLEANS)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
2011 MEAT, FRESH, CHILLED, FROZEN	38,366	57	38,366		
2012 MEAT AND PRODUCTS, NEC	25,314	34	25,280		
2014 TALLOW, ANIMAL FATS AND OILS	3,646			3,646	
2015 ANIMAL BY-PRODUCTS, NEC	1,025	20	1,025		
2021 DAIRY PRODUCTS, NEC	2,965		2,965		
2022 DRIED MILK AND CREAM	3,280	83	3,197		
2031 FISH AND SHELLFISH, PREPARED	3,230	3,230			
2034 VEGETABLES AND PREP, NEC	7,133		7,133		
2039 PREP FRUIT AND VEG JUICE, NEC	835	503	332		
2041 WHEAT FLOUR AND SEMOLINA	9,412		9,412		
2042 PREPARED ANIMAL FEEDS	7,880	168	6,001		1,711
2049 GRAIN MILL PRODUCTS, NEC	5,469	29	1,084		1,417
2081 SUGAR	6,462		2,423	2,959	
2082 MOLASSES	23		73		4,039
2081 ALCOHOLIC BEVERAGES	1,373	999	374		
2091 VEGETABLE OILS, MARG, SHORT	1,148		294	1,094	
2094 GROCERIES	162		162		
2099 MISCELLANEOUS FOOD PRODUCTS	40,673	347	20,326		
2111 TOBACCO MANUFACTURES	23	23			
2211 BASIC TEXTILE PRODUCTS	2,502	57	2,445		
2212 TEXTILE FIBERS, NEC	1,028	1,025	3		
2311 APPAREL	1,024	248	776		
2411 LOGS	33		33		
2413 FUEL WOOD, CHARCOAL, WASTES	40		40		
2421 LUMBER	651		77	574	
2491 WOOD MANUFACTURES, NEC	302	20	282		
2511 FURNITURE AND FIXTURES	2,628	13	2,615		
2621 STANDARD NEWSPRINT PAPER	4,959		4,959		
2631 PAPER AND PAPERBOARD	18,159		12,654	5,455	
2691 PULP AND PAPER PRODUCTS, NEC	8,229	145	8,084		
2711 PRINTED MATTER	345	36	369		
2810 SODIUM HYDROXIDE	1,800				1,800
2812 DYES, PIGMENT, TANNING MATS	3		3		
2813 ALCOHOLS	10,057		213	9,794	
2819 BASIC CHEMICALS AND PROD, NEC	47,320	1,365	6,027	12	50
2821 PLASTIC MATERIALS	5,079	565	4,514		3,449
2823 SYNTHETIC (MAN-MADE) FIBERS	2		2		36,417
2831 DRUGS	2,116	43	2,073		
2841 SOAP	13,074	942	12,132		
2891 PAINTS	1,275		1,275		
2891 GUN AND WOOD CHEMICALS	62		62		
2871 NITROGENOUS CHEM FERTILIZERS	19,727		1,025	1,752	15,555
2872 POTASSIC CHEM FERTILIZERS	6,379		530		1,395
2876 INSECTICIDES, DISINFECTANTS	1,002		1,002		5,849
2879 FERTILIZER AND MATERIALS, NEC	10,993		400		10,593
2891 MISCELLANEOUS CHEMICAL PROD	1,675		1,675		
2911 GASOLINE	1,693				1,693
2914 DISTILLATE FUEL OIL	43,163			33,950	6,872
2915 RESIDUAL FUEL OIL	61,039			59,939	559
2916 LUBRICATING OILS AND GREASES	4,355		4,355		
2917 NAPHTHA, PETROLEUM SOLVENTS	469		469		
2918 ASPHALT, TAR, AND BITUMENS	12,084		71	9,569	2,444
2920 COKE, PETROLEUM COKE	46,299		641	10,546	28,295
2921 LIQUEFIED GASES	42,043		207		5,147
2951 ASPHALT BUILDING MATERIALS	447		447		41,746
2991 PETROLEUM AND COAL PROD, NEC	2,461	37	2,424		
3011 RUBBER AND MISC PLASTIC PROD	1,503	6	1,577		
3111 LEATHER AND LEATHER PRODUCTS	385	359	26		
3211 GLASS AND GLASS PRODUCTS	3,674		3,561	113	
3241 BUILDING CEMENT	119,410		2,177	22,588	91,172
3291 STRUCTURAL CLAY PRODUCTS	2,608		1,278		3,328
3291 MISC NONMETALLIC MINERAL PROD	18,812	121	1,311	3,010	1,400
3312 SLAG	3,088				14,380
3314 IRON AND STEEL PRIMARY FORMS	5,522			1,120	1,588
3315 IRON, STEEL SHAPES, EXC SHEET	9,623		417	9,206	4,402
3316 IRON AND STEEL PLATES, SHEETS	47,936			10,602	37,254
3317 IRON AND STEEL PIPE AND TUBE	5,605		362	3,027	735
3318 FERROALLOYS	9,735				70
3319 IRON AND STEEL PRODUCTS, NEC	3,350		547	2,695	8,335
3321 NONFERROUS METALS, NEC	1,237		1,237		
3322 COPPER ALLOYS, UNWORKED	808		808		
3323 LEAD AND ZINC, UNWORKED	5		5		
3324 ALUMINUM AND ALLOYS, UNWORKED	1,614	60	1,554		
3411 FABRICATED METAL PRODUCTS	11,315	465	2,416		
3511 MACHINERY, EXCEPT ELECTRICAL	5,013	1,925	1,644	7,118	200
3611 ELECTRICAL MACH AND EQUIP	6,543	2,390	4,153	1,309	696
3711 MOTOR VEHICLES, PARTS, EQUIP	2,218	1,057	1,161		70
3731 SHIPS AND BOATS	3		3		65
3791 MISC TRANSPORTATION EQUIPMENT	229		229		
3811 INSTR, TIME, PHOTO, OPT GOODS	1,455	1,405			
3911 MISC MANUFACTURED PRODUCTS	646	18	558		
4011 IRON AND STEEL SCRAP	3,163	256		145,075	17,747
4012 NONFERROUS METAL SCRAP	1,315	65		1,250	
4022 TEXTILE WASTE, SCRAP, SWEAP	80	80			
4029 WASTE AND SCRAP, NEC	248	248			
4111 WATER	1,495				1,397
4112 COMMODITIES, NEC	93,371	20,000	69,411	3,607	89
4118 WATERWAY IMPROVEMENT MAT	27,770				27,770
4119 EMPTY CONTAINERS	800			800	

TON-MILES, DOMESTIC, 10,372,434.

TONS, ALL TRAFFIC, 1,676,410.

TON-MILES, ALL TRAFFIC, 24,324,314.

## MISSISSIPPI RIVER-GULF OUTLET, LA.

SECTION INCLUDED: FROM NEW ORLEANS TO THE GULF OF MEXICO VIA LAND CUT 36 FEET BY 500 FEET TO THE 36-FOOT CONTOUR IN THE GULF OF MEXICO, 75.4 MILES. CONTROLLING DEPTH (MEAN LOW GULF): MILE 66 TO MILE 0, 33 FEET; TO MILE -9.38, 38 FEET. PROJECT DEPTH: 36 FEET AND 38 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	3,982,015	1976-----	6,970,648
1972-----	3,854,908	1977-----	8,780,667
1973-----	4,938,305	1978-----	9,411,077
1974-----	5,307,538	1979-----	8,227,225
1975-----	5,386,829	1980-----	5,541,484

## FREIGHT TRAFFIC, 1980

## FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH	
				UPBOUND	DOWNBOUND
TOTAL-----	4,367,785	900,347	361,951	1,648,032	1,457,455
0101 COTTON, RAW-----	9,730	-----	-----	188	9,562
0102 BARLEY AND RYE-----	321	-----	-----	306	15
0103 CORN-----	35,859	-----	-----	-----	35,859
0104 OATS-----	452	-----	-----	-----	452
0105 RICE-----	22,455	-----	-----	-----	22,455
0107 WHEAT-----	61,958	-----	-----	9	61,949
0111 SOYBEANS-----	24,579	-----	-----	-----	24,579
0119 OILSEEDS, NEC-----	863	-----	-----	393	510
0121 TOBACCO, LEAF-----	21,986	-----	-----	16,826	5,160
0129 FIELD CROPS, NEC-----	1,000	-----	-----	465	535
0131 FRESH FRUITS AND TREE NUTS-----	2,608	-----	-----	2,500	108
0133 COFFEE-----	71,483	-----	-----	69,277	2,206
0134 COCOA BEANS-----	783	-----	-----	560	223
0141 FRESH AND FROZEN VEGETABLES-----	11,370	-----	-----	87	11,283
0161 ANIMALS AND PRODUCTS, NEC-----	3,112	-----	-----	99	3,013
0191 MISCELLANEOUS FARM PRODUCTS-----	454	-----	-----	402	52
0841 CRUDE RUBBER AND ALLIED GUMS-----	3,698	-----	-----	3,419	279
0861 FOREST PRODUCTS, NEC-----	557	-----	-----	180	377
0912 SHELLFISH, EXCEPT PREPARED-----	167	-----	-----	21	146
1011 IRON ORE AND CONCENTRATES-----	25,849	25,849	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	67,648	17,505	-----	41,569	8,574
1061 MANGANESE ORES, CONCENTRATES-----	6,544	-----	-----	-----	6,544
1091 NONFERROUS ORES, CONCENTRATES-----	31,939	12,019	-----	9,242	10,678
1121 COAL AND LIGNITE-----	26,117	-----	3,349	43	22,725
1311 CRUDE PETROLEUM-----	186,376	-----	-----	186,376	-----
1411 LIMESTONE-----	193,584	-----	-----	193,021	563
1412 BUILDING STONE, UNWORKED-----	63	-----	-----	-----	63
1442 SAND, GRAVEL, CRUSHED ROCK-----	858	-----	-----	-----	858
1451 CLAY-----	1,250,965	497,643	23,005	705,030	25,287
1471 PHOSPHATE ROCK-----	4,988	4,988	-----	-----	-----
1492 SULPHUR, DRY-----	622	-----	-----	-----	622
1499 NONMETALLIC MINERALS, NEC-----	270,378	237,226	21,329	352	11,471
1911 ORDNANCE AND ACCESSORIES-----	354	-----	-----	115	239
2011 MEAT, FRESH, CHILLED, FROZEN-----	35,926	-----	-----	30,107	5,819
2012 MEAT AND PRODUCTS, NEC-----	3,231	-----	-----	2,091	1,140
2014 TALLOW, ANIMAL FATS AND OILS-----	4,653	-----	-----	-----	4,653
2015 ANIMAL BY-PRODUCTS, NEC-----	3,171	-----	-----	369	2,802
2021 DAIRY PRODUCTS, NEC-----	1,627	-----	-----	1,432	195
2022 DRIED MILK AND CREAM-----	5,285	-----	-----	652	4,633
2031 FISH AND SHELLFISH, PREPARED-----	661	-----	-----	-----	661
2034 VEGETABLES AND PREP, NEC-----	7,761	-----	-----	4,359	3,402
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,511	-----	-----	3,976	1,535
2041 WHEAT FLOUR AND SEMOLINA-----	41,888	-----	-----	-----	41,888
2042 PREPARED ANIMAL FEEDS-----	23,298	-----	7,647	36	15,615
2049 GRAIN MILL PRODUCTS, NEC-----	25,470	-----	-----	350	25,120
2061 SUGAR-----	46,973	33,462	-----	15,432	79
2091 ALCOHOLIC BEVERAGES-----	31,264	-----	-----	22,356	8,908
2091 VEGETABLE OILS, MARG, SHORT-----	18,962	-----	-----	225	18,737
2099 MISCELLANEOUS FOOD PRODUCTS-----	16,518	-----	-----	8,274	8,244
2111 TOBACCO MANUFACTURES-----	69	-----	-----	61	8
2211 BASIC TEXTILE PRODUCTS-----	21,252	-----	-----	7,989	13,363
2212 TEXTILE FIBERS, NEC-----	275	-----	-----	-----	275
2311 APPAREL-----	2,336	-----	-----	90	2,246
2411 LOGS-----	6,735	-----	-----	2,021	4,714
2413 FUEL WOOD, CHARCOAL, WASTES-----	3,307	-----	-----	-----	3,307
2416 WOOD CHIPS, STAVES, MILLINGS-----	159	-----	-----	-----	358
2421 LUMBER-----	26,212	-----	-----	5,546	20,666
2431 VENEER, PLYWOOD, WORKED WOOD-----	4,151	-----	-----	881	3,270
2491 WOOD MANUFACTURES, NEC-----	21,164	-----	-----	5,882	15,282
2511 FURNITURE AND FIXTURES-----	4,639	-----	-----	2,820	1,819
2611 PULP-----	13,772	-----	-----	2,301	11,471
2631 PAPER AND PAPERBOARD-----	72,590	-----	-----	816	71,774
2691 PULP AND PAPER PRODUCTS, NEC-----	4,671	-----	-----	136	4,535
2711 PRINTED MATTER-----	484	-----	-----	152	332
2811 CRUDE TAP, OIL, GAS PRODUCTS-----	6	-----	-----	3	3
2812 DYES, PIGMENTS, TANNING MATS-----	132	-----	-----	-----	132
2813 ALCOHOLS-----	6	-----	-----	-----	6
2819 BASIC CHEMICALS AND PROD, NEC-----	167,949	34,974	13,624	20,410	99,341
2921 PLASTIC MATERIALS-----	85,582	-----	-----	9,183	76,419
2922 SYNTHETIC RUBBER-----	29,146	-----	-----	-----	29,146
2943 SYNTHETIC (MAN-MADE) FIBERS-----	1,667	-----	-----	70	1,597
2931 DRUGS-----	3,775	-----	-----	390	3,385
2841 SOAP-----	6,545	-----	-----	5,039	3,506
2851 PAINTS-----	4,555	-----	-----	3,383	1,172
2861 GUM AND WOOD CHEMICALS-----	6,257	-----	-----	116	6,141

## NEW ORLEANS, LA., DISTRICT

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MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS	THROUGH	
				UPBOUND	DOWNBOUND
2871 NITROGENOUS CHEM FERTILIZERS	19,713	3,034	11,236	2	5,441
2872 POTASSIC CHEM FERTILIZERS	1,539				1,539
2873 PHOSPHATIC CHEM FERTILIZERS	5,027				5,027
2876 INSECTICIDES, DISINFECTANTS	19,407			4,045	15,362
2879 FERTILIZER AND MATERIALS, NEC	5,232		4,506	16	710
2891 MISCELLANEOUS CHEMICAL PROD	46,066			14,829	31,237
2911 GASOLINE	1,220				1,220
2913 KEROSENE	20				20
2916 LUBRICATING OILS AND GREASES	21,580			124	21,456
2918 ASPHALT, TAR, AND PITCHES	9,391		9,217	43	131
2920 COKE, PETROLEUM COKE	324,040	3,458	254,385	4	66,193
2921 LIQUEFIED GASES	91				91
2951 ASPHALT BUILDING MATERIALS	1,258				1,258
2991 PETROLEUM AND COAL PROD, NEC	3,039				3,039
3011 RUBBER AND MISC PLASTIC PROD	31,169			14,378	16,791
3111 LEATHER AND LEATHER PRODUCTS	2,087			1,664	223
3211 GLASS AND GLASS PRODUCTS	9,378			973	8,405
3241 BUILDING CEMENT	122,070			121,439	631
3251 STRUCTURAL CLAY PRODUCTS	9,900			811	9,089
3271 LIME	254				254
3281 CUT STONE AND STONE PRODUCTS	573			504	69
3291 MISC NONMETALLIC MINERAL PROD	2,924			1,174	1,750
3314 IRON AND STEEL PRIMARY FORMS	19,944				19,944
3315 IRON, STEEL SHAPES, EXC SHEET	17,352			13,101	4,251
3316 IRON AND STEEL PLATES, SHEETS	6,294				6,294
3317 IRON AND STEEL PIPE AND TUBE	7,068			2,631	4,437
3318 FERROALLOYS	65,323	30,589	13,653	6,642	14,439
3319 IRON AND STEEL PRODUCTS, NEC	6,418			5,297	1,121
3321 NONFERROUS METALS, NEC	2,367			206	2,161
3322 COPPER ALLOYS, UNWORKED	6,323			3,114	3,209
3323 LEAD AND ZINC, UNWORKED	3,363			143	3,220
3324 ALUMINUM AND ALLOYS, UNWORKED	23,582			7,059	16,523
3411 FABRICATED METAL PRODUCTS	32,771			17,618	15,153
3511 MACHINERY, EXCEPT ELECTRICAL	48,329			25,556	42,773
3611 ELECTRICAL MACH AND EQUIP	20,777			4,330	16,447
3711 MOTOR VEHICLES, PARTS, EQUIP	12,908			4,079	8,829
3721 AIRCRAFT AND PARTS	173			37	136
3731 SHIPS AND BOATS	1,743			41	1,702
3791 MISC TRANSPORTATION EQUIPMENT	4,903			3,891	1,012
3811 INSTR, TIME, PHOTO, OPT GOODS	1,943			455	1,488
3911 MISC MANUFACTURED PRODUCTS	5,490			2,224	3,466
4011 IRON AND STEEL SCRAP	305,076			110	304,966
4012 NONFERROUS METAL SCRAP	6,654			165	6,489
4022 TEXTILE WASTE, SCRAP, SWEEP	1,554			370	1,184
4024 PAPER WASTE AND SCRAP	3,021				3,021
4112 COMMODITIES, NEC	4,351			3,509	842
9999 DEPARTMENT OF DEFENSE AND SCI	326				326
TON-MILES, FOREIGN,		318,746,947.			

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH				THROUGH	
		UPBOUND	DOWNBOUND	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL	1,173,679	125,044	311,594	132,467	159,597	381,038	63,899
0105 RICE	16,218	286	15,932				
0119 OILSEEDS, NEC	98	13	45				
0121 TOBACCO, LEAF	225	11	214				
0122 WAX AND FODDER	1		1				
0129 FIELD CROPS, NEC	41	9	32				
0131 FRESH FRUITS AND TREE NUTS	45	45					
0133 COFFEE	13,437	9,952	3,485				
0141 FRESH AND FROZEN VEGETABLES	9,920		5,920				
0161 ANIMALS AND PRODUCTS, NEC	924		924				
0841 CRUDE RUBBER AND ALLIED GUMS	281	5	276				
0861 FOREST PRODUCTS, NEC	5		5				
0911 FRESH FISH, EXCEPT SHELLFISH	49	10	15				24
0912 SHELLFISH, EXCEPT PREPARED	6,190						6,090
0931 MARINE SHELLS, UNMANUFACTURED	26,000						26,000
1011 IRON ORE AND CONCENTRATES	4,126				4,126		
1021 COPPER ORE AND CONCENTRATES	1,600			1,600			
1051 ALUMINUM ORES, CONCENTRATES	9,313				9,313		
1061 MANGANESE ORES, CONCENTRATES	10,108			800	9,308		
1091 NONFERROUS ORES, CONCENT, NEC	48,344			7,458	40,886		
1121 COAL AND LIGNITE	42,794		18	42,716			
1311 CRUDE PETROLEUM	335,268					335,268	
1442 SAND, GRAVEL, CRUSHED ROCK	178		163				15
1451 CLAY	4,608		54				4,550
1471 PHOSPHATE ROCK	74,410	74,410					
1494 GYPSUM, CRUDE AND PLASTER	160	33	127				
1499 NONMETALLIC MINERALS, NEC	8,471		43		8,428		
1911 ORDNANCE AND ACCESSORIES	124	124					
2011 MEAT, FRESH, CHILLED, FROZEN	38,366	57	38,309				
2012 MEAT AND PRODUCTS, NEC	25,114	14	25,280				
2015 ANIMAL BY-PRODUCTS, NEC	1,200	20	1,200				
2021 DAIRY PRODUCTS, NEC	2,965		2,965				
2022 DRIED MILK AND CREAM	3,287	83	3,197				



## MISSISSIPPI RIVER-GULF OUTLET, LA.--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		UPBOUND	DOWNBOUND	INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
2031 FISH AND SHELLFISH, PREPARED-----	3,230	3,230					
2034 VEGETABLES AND PREP, NEC-----	7,133		7,133				
2039 PREP FRUIT AND VEG JUICE, NEC-----	835	835					
2041 WHEAT FLOUR AND SEMOLINA-----	9,412		9,412				
2042 PREPARED ANIMAL FEEDS-----	10,389	1,420	6,001	1,711	1,257		
2049 GRAIN MILL PRODUCTS, NEC-----	2,530	29	1,084	1,417			
2061 SUGAR-----	6,462		2,423		4,039		
2062 MOLASSES-----	23		23				
2081 ALCOHOLIC BEVERAGES-----	1,373	999	374				
2091 VEGETABLE OILS, MARG, SHORT-----	254		254				
2094 GROCERIES-----	162		162				
2099 MISCELLANEOUS FOOD PRODUCTS-----	20,673	347	20,326				
2111 TOBACCO MANUFACTURES-----	23	23					
2211 BASIC TEXTILE PRODUCTS-----	2,502	57	2,445				
2212 TEXTILE FIBERS, NEC-----	1,028	1,025	3				
2311 APPAREL-----	1,024	248	776				
2411 LOGS-----	33		33				
2413 FUEL WOOD, CHARCOAL, WASTES-----	40		40				
2421 LUMBER-----	77		77				
2491 WOOD MANUFACTURES, NEC-----	382	28	282				
2511 FURNITURE AND FIXTURES-----	2,628	13	2,615				
2621 STANDARD NEWSPRINT PAPER-----	4,909		4,909				
2631 PAPER AND PAPERBOARD-----	12,654		12,654				
2691 PULP AND PAPER PRODUCTS, NEC-----	8,229	145	8,084				
2711 PRINTED MATTER-----	345	36	309				
2810 SODIUM HYDROXIDE-----	1,800			1,800			
2812 DYES, PIGMENT, TANNING MATS-----	3		3				
2813 ALCOHOLS-----	213		213				
2819 BASIC CHEMICALS AND PROD, NEC-----	47,243	1,365	6,027	3,100	36,393		358
2821 PLASTIC MATERIALS-----	5,079	565	4,514				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	2		2				
2831 DRUGS-----	2,116	43	2,073				
2841 SOAP-----	13,074	942	12,132				
2851 PAINTS-----	1,275		1,275				
2861 GUM AND WOOD CHEMICALS-----	82		62				
2871 NITROGENOUS CHEM FERTILIZERS-----	20,685		1,025	18,445	1,395		
2872 POTASSIC CHEM FERTILIZERS-----	6,379		530		5,849		
2876 INSECTICIDES, DISINFECTANTS-----	1,002		1,002				
2879 FERTILIZER AND MATERIALS, NEC-----	15,422		400		15,022		
2891 MISCELLANEOUS CHEMICAL PROD-----	1,675		1,675				
2911 GASOLINE-----	1,693					1,693	
2914 DISTILLATE FUEL OIL-----	7,188			2,955		578	3,655
2915 RESIDUAL FUEL OIL-----	559			559			
2916 LUBRICATING OILS AND GREASES-----	4,395		4,395				
2917 NAPHTHA, PETROLEUM SOLVENTS-----	469		469				
2918 ASPHALT, TAR, AND BITUMENS-----	2,515		71	2,444			
2920 COKE, PETROLEUM COKE-----	39,372		641	28,295	10,436		
2921 LIQUEFIED GASES-----	42,043		297			41,746	
2951 ASPHALT BUILDING MATERIALS-----	447		447				
2991 PETROLEUM AND COAL PROD, NEC-----	2,461		2,424				
3011 RUBBER AND MISC PLASTIC PROD-----	1,583	6	1,577				
3111 LEATHER AND LEATHER PRODUCTS-----	385	359	26				
3211 GLASS AND GLASS PRODUCTS-----	3,561		3,561				
3241 BUILDING CEMENT-----	5,480		2,177			1,605	1,618
3251 STRUCTURAL CLAY PRODUCTS-----	2,688		1,208	1,400			
3291 MISC NONMETALLIC MINERAL PROD-----	10,644	121	1,301				9,222
3312 SLAG-----	1,588				1,588		
3315 IRON, STEEL SHAPES, EXC SHEET-----	417		417				
3317 IRON AND STEEL PIPE AND TUBE-----	1,097		362				735
3318 FERROALLOYS-----	11,157				11,157		
3319 IRON AND STEEL PRODUCTS, NEC-----	547		547				
3321 NONFERROUS METALS, NEC-----	1,237		1,237				
3322 COPPER ALLOYS, UNWORKED-----	808		808				
3323 LEAD AND ZINC, UNWORKED-----	5		5				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,614	60	1,554				
3411 FABRICATED METAL PRODUCTS-----	3,301	865	2,436				
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,239	1,925	1,244				70
3611 ELECTRICAL MACH AND EQUIP-----	6,543	2,390	4,153				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,238	1,057	1,181				
3731 SHIPS AND BOATS-----	3		3				
3791 MISC TRANSPORTATION EQUIPMENT-----	226		226				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,405	1,405					
3911 MISC MANUFACTURED PRODUCTS-----	596	18	558				20
4011 IRON AND STEEL SCRAP-----	18,083	296		17,747			
4012 NONFERROUS METAL SCRAP-----	65	65					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	80						
4029 WASTE AND SCRAP, NEC-----	248	248					
4111 WATER-----	1,480					88	1,392
4112 COMMODITIES, NEC-----	89,781	20,090	69,611				
4118 WATERWAY IMPROVEMENT MAT-----	10,130						10,130
TON-MILES, DOMESTIC,-----	61,754,251.						
TONS, ALL TRAFFIC,-----	5,541,464.						
TON-MILES, ALL TRAFFIC,-----	380,587,798.						

## NEW ORLEANS, LA., DISTRICT

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PASS MANCHAC, LA.

SECTION INCLUDED: FROM LAKE PONTCHARTRAIN TO LAKE MAUREPAS, 7 MILES, CONTROLLING DEPTH (MEAN LOW GULF): OVER BAR NORTH CHANNEL (LAKE PONTCHARTRAIN), 6 FEET; OVER BAR SOUTH CHANNEL (LAKE PONTCHARTRAIN), 6 FEET; OVER BAR NORTH CHANNEL (LAKE MAUREPAS), 6 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	10,333	1976-----	474,278
1972-----	149,611	1977-----	488,125
1973-----	779,483	1978-----	510,182
1974-----	747,670	1979-----	295,367
1975-----	585,608	1980-----	380,613

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL THROUGH	
		EASTBOUND	WESTBOUND
TOTAL-----	380,613	288,700	91,913
0931 MARINE SHELLS, UNMANUFACTURED-----	380,100	288,700	91,400
3241 BUILDING CEMENT-----	413		413
3511 MACHINERY, EXCEPT ELECTRICAL-----	100		100
TOTAL TON-MILES, 2,664,291.			

WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO

SECTION INCLUDED: FROM EMPIRE, LA., TO GULF OF MEXICO, 10 MILES, CONTROLLING DEPTH (MEAN LOW GULF): THRU DOULLUT CANAL, 7 FEET; DOULLUT CANAL TO JETTIES, 9.0 FEET; WAR CHANNEL, 13 FEET. PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	170,759	1976-----	923,194
1972-----	219,702	1977-----	212,462
1973-----	354,958	1978-----	312,410
1974-----	247,649	1979-----	742,187
1975-----	1,103,503	1980-----	417,337

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL THROUGH			
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND
TOTAL-----	417,337	18,992	53,958	62,689	281,698
0161 ANIMALS AND PRODUCTS, NEC-----	1,457		1,457		
0911 FRESH FISH, EXCEPT SHELLFISH-----	826	826			
0912 SHELLFISH, EXCEPT PREPARED-----	20,603	18,168		2,437	
0931 MARINE SHELLS, UNMANUFACTURED-----	11,000				11,000
1311 CRUDE PETROLEUM-----	94,568		49,887	44,681	
1442 SAND, GRAVEL, CRUSHED ROCK-----	197				197
1451 CLAY-----	13,713			22	13,691
1499 NONMETALLIC MINERALS, NEC-----	18				18
2092 ANIMAL OILS AND FATS, NEC-----	2,614		2,614		
2094 GROCERIES-----	78				78
2095 ICE-----	3				3
2414 TIMBER, POSTS, POLES, PILING-----	706				706
2421 LUMBER-----	239				239
2491 WOOD MANUFACTURES, NEC-----	35				35
2813 ALCOHOLS-----	41				41
2819 BASIC CHEMICALS AND PROD, NEC-----	8,771			42	8,729
2914 DISTILLATE FUEL OIL-----	22,042			795	21,247
2916 LUBRICATING OILS AND GREASES-----	98				98
3241 BUILDING CEMENT-----	4,721			94	4,627
3312 SLAG-----	525				525
3314 IRON AND STEEL, PRIMARY FORMS-----	132				132
3315 IRON, STEEL SHAPES, EXC SHEET-----	15				15
3317 IRON AND STEEL PIPE AND TUBE-----	22,980			442	22,538
3411 FABRICATED METAL PRODUCTS-----	456			97	359
3511 MACHINERY, EXCEPT ELECTRICAL-----	349			103	246
3611 ELECTRICAL MACH AND EQUIP-----	2				2
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4				4
3731 SHIPS AND BOATS-----	30				30
3911 MISC MANUFACTURED PRODUCTS-----	38,884			9,688	29,196
4011 IRON AND STEEL SCRAP-----	50				50
4029 WASTE AND SCRAP, NEC-----	10			5	5
4111 WATER-----	150,459			116	150,343
4112 COMMODITIES, NEC-----	21,732			4,183	17,549
TOTAL TON-MILES, 3,570,652.					

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## BARATARIA BAY WATERWAY, LA.

SECTION INCLUDED: FROM GULF INTRACOASTAL WATERWAY TO GULF OF MEXICO WITH SIDE CHANNEL TO GRAND ISLE, 49.2 MILES, CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 14 FEET; TO GULF INTRACOASTAL WATERWAY, 8 FEET, PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	5,423,940	1976-----	1,947,715
1972-----	4,225,258	1977-----	1,806,402
1973-----	3,693,694	1978-----	1,513,067
1974-----	3,996,751	1979-----	1,896,961
1975-----	3,261,787	1980-----	2,029,840

\* PASSENGERS--102,986.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	2,029,840	570,283	1,354,416	45,127	60,014
0911 FRESH FISH, EXCEPT SHELLFISH-----	168	122		46	
0912 SHELLFISH, EXCEPT PREPARED-----	8,594	6,873		1,721	
0931 MARINE SHELLS, UNMANUFACTURED-----	12,275	12,888			275
1311 CRUDE PETROLEUM-----	84,355	36,786	3,677	40,510	3,382
1442 SAND, GRAVEL, CRUSHED ROCK-----	375	283	92		
1451 CLAY-----	14,037	1,983	10,279	77	1,722
1493 SULPHUR, LIQUID-----	1,246,596		1,246,596		
1499 NONMETALLIC MINERALS, NEC-----	15				15
2095 ICE-----	4		4		
2099 MISCELLANEOUS FOOD PRODUCTS-----	47	47			
2414 TIMBER, POSTS, POLES, PILING-----	15				15
2421 LUMBER-----	104				104
2491 WOOD MANUFACTURES, NEC-----	19		6	13	
2813 ALCOHOLS-----	75				75
2819 BASIC CHEMICALS AND PROD, NEC-----	3,295	845	2,234	103	113
2851 PAINTS-----	21		21		
2914 DISTILLATE FUEL OIL-----	30,431	25,806	2,733	331	3,561
3241 BUILDING CEMENT-----	9,138	1,809	5,896	504	929
3315 IRON, STEEL SHAPES, EXC SHEET-----	50				50
3317 IRON AND STEEL PIPE AND TUBE-----	8,548	1,106	3,741	106	3,595
3411 FABRICATED METAL PRODUCTS-----	1,185	278	507	242	158
3511 MACHINERY, EXCEPT ELECTRICAL-----	951	98	392	177	287
3611 ELECTRICAL MACH AND EQUIP-----	20		16	4	
3911 MISC MANUFACTURED PRODUCTS-----	17,076	380	13,406	495	2,835
4011 IRON AND STEEL SCRAP-----	397		94	503	
4029 WASTE AND SCRAP, NEC-----	244		44	198	
4111 WATER-----	589,908	482,868	61,348		46,492
4112 COMMODITIES, NEC-----	5,697	1,822	3,332	137	406
TOTAL TON-MILES,-----	5,795,248.				

## BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY, LA.

SECTION INCLUDED: THIBODAUX, LA., TO GULF OF MEXICO, 73 MILES; CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 16 FEET; JETTY CHANNEL, 23 FEET; TO LEEVILLE, 11 FEET; TO GOLDEN MEADOW, 7 FEET; TO LAROSE, 7 FEET; TO LOCKPORT, 7 FEET; TO THIBODAUX, 4 FEET, PROJECT DEPTH: 6 FEET THIBODAUX TO LOCKPORT; 9 FEET TO LAROSE; 6 FEET TO GOLDEN MEADOW; 9 FEET TO LEEVILLE; 12 FEET TO GULF; 12 FEET IN GRAND BAYOU BLUE CHANNEL FROM GULF INTRACOASTAL WATERWAY TO LEEVILLE; 12 FEET LEEVILLE TO GRAND ISLE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,883,315	1976-----	1,535,050
1972-----	1,589,944	1977-----	1,631,502
1973-----	1,491,850	1978-----	1,402,493
1974-----	1,552,454	1979-----	1,221,345
1975-----	1,661,799	1980-----	1,062,668

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	1,062,668	359,396	640,842	70	65,071
0911 FRESH FISH, EXCEPT SHELLFISH-----	547	547			
0912 SHELLFISH, EXCEPT PREPARED-----	15,134	15,134			
0931 MARINE SHELLS, UNMANUFACTURED-----	25,850	25,850			
1311 CRUDE PETROLEUM-----	238,661	42,437	131,186		65,038
1442 SAND, GRAVEL, CRUSHED ROCK-----	11,374	11,374			
1451 CLAY-----	9,583	645	8,938		
2095 ICE-----	5		5		
2810 SODIUM HYDROXIDE-----	26,554				
2819 BASIC CHEMICALS AND PROD, NEC-----	1,684	165	1,369		150

## NEW ORLEANS, LA., DISTRICT

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BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY, LA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				THROUGH NORTHBOUND SOUTHBOUND
		INBOUND	OUTBOUND	NORTHBOUND	NORTHBOUND	
2914 DISTILLATE FUEL OIL-----	72,784	17,519	54,390	-----	-----	875
3241 BUILDING CEMENT-----	8,494	688	7,489	70	33	214
3291 MISC NONMETALLIC MINERAL PROD-----	3,958	3,958	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	4,740	600	4,090	-----	-----	50
3324 ALUMINUM AND ALLOYS, UNWORKED-----	698	-----	698	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	1,132	-----	1,102	-----	-----	-----
3731 SHIPS AND BOATS-----	157	157	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	550,124	207,923	342,201	-----	-----	-----
4111 WATER-----	87,223	782	86,441	-----	-----	-----
4112 COMMODITIES, NEC-----	3,996	1,063	2,933	-----	-----	-----
TOTAL TON-MILES, 14,890,025.						

BAYOU TERREBOUQUE, LA.

SECTION INCLUDED: 24.1 MILES FROM BUSH CANAL TO HOUMA, LA; CONTROLLING DEPTH (MEAN LOW GULF): BUSH CANAL TO BOURG, 5 FEET; TO HOUMA, 0 FEET. PROJECT DEPTH: 6 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	530,276	1976-----	467,182
1972-----	725,686	1977-----	441,410
1973-----	625,374	1978-----	458,203
1974-----	707,030	1979-----	698,856
1975-----	556,747	1980-----	639,605

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC INTERNAL			
		IMPORTS	EXPORTS	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	639,605	36	1,598	8,466	575,940	43,587	9,978
0911 FRESH FISH, EXCEPT SHELLFISH-----	21	-----	-----	21	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	4,241	-----	1	4,240	-----	-----	-----
1311 CRUDE PETROLEUM-----	160,844	-----	-----	-----	117,439	43,505	-----
1491 CLAY-----	1,684	-----	-----	1,504	-----	60	100
2011 MEAT, FRESH, CHILLED, FROZEN-----	20	20	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	3	3	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	3	3	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	18	18	-----	-----	-----	-----	-----
2095 ICE-----	3	-----	-----	-----	1	-----	2
2099 MISCELLANEOUS FOOD PRODUCTS-----	31	31	-----	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	1	1	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	6	6	-----	-----	-----	-----	-----
2311 APPAREL-----	13	13	-----	-----	-----	-----	-----
2421 LUMBER-----	41	41	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	2	2	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	68	11	57	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	265	265	-----	-----	-----	-----	-----
2841 SOAP-----	8	8	-----	-----	-----	-----	-----
2851 PAINTS-----	1	1	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	12,293	-----	2,432	-----	-----	-----	9,861
2916 LUBRICATING OILS AND GREASES-----	40	40	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	18	18	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	249	-----	212	-----	-----	22	15
3291 MISC NONMETALLIC MINERAL PROD-----	2	2	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	183	183	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	31	31	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	139	139	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	202	202	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	305	27	278	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	55	55	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	27	27	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	188	188	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	7	7	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	3	3	-----	-----	-----	-----	-----
4111 WATER-----	458,500	-----	-----	458,500	-----	-----	-----
4112 COMMODITIES, NEC-----	10	9	1	-----	-----	-----	-----
TOTAL TON-MILES, 14,480,409.							

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## BAYOU LITTLE CAILLON, LA.

SECTION INCLUDED: FROM BAYOU TERREBONNE TO ROBINSON CANAL, 20.6 MILES, CONTROLLING DEPTH (MEAN LOW GULF): MILE 0 TO MILE 6, 1 FOOT; TO CHAUVIN BRIDGE, 5 FEET; TO ROBINSON CANAL, 4 FEET, PROJECT DEPTH: 5 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	1,247,992	1976	944,324
1972	1,224,992	1977	1,057,002
1973	1,024,510	1978	801,637
1974	837,817	1979	849,085
1975	834,366	1980	423,120

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	423,120	11,891	411,229
0911 FRESH FISH, EXCEPT SHELLFISH	12	12	
0912 SHELLFISH, EXCEPT PREPARED	2,539	2,539	
1311 CRUDE PETROLEUM	403,688	7,660	396,028
1451 CLAY	360	300	60
2095 ICE	2		2
2914 DISTILLATE FUEL OIL	1,116	1,116	
2915 RESIDUAL FUEL OIL	14,557		14,557
3241 BUILDING CEMENT	309	264	45
4112 COMMODITIES, NEC	537		537
TOTAL TON-MILES	1,361,032		

## HOUMA NAVIGATION CANAL, LA.

SECTION INCLUDED: 36.25 MILES FROM INTERSECTION OF GULF INTRACOASTAL WATERWAY AT HOUMA TO GULF OF MEXICO, CONTROLLING DEPTH (MEAN LOW GULF): CAT ISLAND PASS, 14 FEET; TO MILE 34, 11 FEET; TO GULF INTRACOASTAL WATERWAY, 14 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	3,264,604	1976	2,599,044
1972	3,549,114	1977	2,503,233
1973	3,139,274	1978	1,779,873
1974	2,338,325	1979	1,557,825
1975	2,427,213	1980	1,163,735

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH		INTERNAL		THROUGH	
		INBOUND	OUTBOUND	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND
TOTAL	1,163,735	85	45,073	8,382	627,413	482,782	
0911 FRESH FISH, EXCEPT SHELLFISH	93		35		58		
0912 SHELLFISH, EXCEPT PREPARED	18,026		7,065		10,961		
1011 IRON ORE AND CONCENTRATES	770						700
1091 ALUMINUM ORES, CONCENTRATES	1,463						1,463
1311 CRUDE PETROLEUM	518,212				498,316		19,896
1442 SAND, GRAVEL, CRUSHED ROCK	47						47
1451 CLAY	69,352				35,537		33,815
1499 NONMETALLIC MINERALS, NEC	59,725		29,641		21,723		8,361
2042 PREPARED ANIMAL FEEDS	19,462				19,492		
2092 ANIMAL OILS AND FATS, NEC	14,236				14,236		
2414 TIMBER, POSTS, POLES, PILING	8,631						8,631
2819 BASIC CHEMICALS AND PROD, NEC	2,520				1,545		455
2914 DISTILLATE FUEL OIL	38,083				479		37,604
2915 RESIDUAL FUEL OIL	14,557				14,557		
2916 LUBRICATING OILS AND GREASES	1,546						1,546
2920 COKE, PETROLEUM	1,150						1,150
3241 BUILDING CEMENT	63,096					2,141	60,955
3291 MISC NONMETALLIC MINERAL PROD	60					60	
3315 IRON, STEEL SHAPES, EXC SHEET	654						654
3316 IRON AND STEEL PLATES, SHEETS	2,846						2,846
3317 IRON AND STEEL PIPE AND TUBES	141,679		8,332		8,382	774	124,119
3319 IRON AND STEEL PRODUCTS, NEC	2,800						2,800
3411 FABRICATED METAL MACHINERY	45						45
3511 MACHINERY, EXCEPT ELECTRICAL	346					138	208
3711 SHIPS AND BOATS	85		85				
3911 MISC MANUFACTURED PRODUCTS	98,744					6,095	91,789
4111 MACHINERY, EXCEPT ELECTRICAL	45,465					450	85,085
4112 COMMODITIES, NEC	14						104
TOTAL TON-MILES	22,457,199						

## NEW ORLEANS, LA., DISTRICT

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WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA.  
(BAYOUS LE CARPE AND GRAND CAILLEU)

SECTION INCLUDED: FROM GULF INTRACOASTAL WATERWAY AT MOBILE, LA., THROUGH BAYOU LE CARPE, PELTON, AND GRAND CAILLEU TO BAYOU DULAC, ABOUT 16.3 MILES, CONTROLLING DEPTH (MEAN LOW GULF): BAYOU LE CARPE, 7 FEET; BAYOUS PELTON, 2 FEET AND GRAND CAILLEU, 2 FEET. PROJECT DEPTH: BAYOU LE CARPE, 13 FEET; BAYOUS PELTON AND GRAND CAILLEU, 5 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	381,654	1976-----	739,223
1972-----	651,013	1977-----	563,695
1973-----	741,437	1978-----	625,246
1974-----	708,564	1979-----	674,331
1975-----	745,805	1980-----	689,208

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				
		RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH
TOTAL-----	688,208	85	7,000	145,189	275,913	1,590	2 15	255,994
0911 FRESH FISH, EXCEPT SHELLFISH-----	49			49				
0912 SHELLFISH, EXCEPT PREPARED-----	9,889			9,889				
1011 IRON ORE AND CONCENTRATES-----	700			700				
1091 ALUMINUM ORES, CONCENTRATES-----	1,463			1,463				
1311 CRUDE PETROLEUM-----	12,236			12,236				
1442 SAND, GRAVEL, CRUSHED ROCK-----	24			24				
1451 CLAY-----	70,762			24,475	45,175	430	180	502
1499 NONMETALLIC MINERALS, NEC-----	30,084			8,761	21,723			
2042 PREPARED ANIMAL FEEDS-----	19,492				19,492			
2092 ANIMAL OILS AND FATS, NEC-----	14,236				14,236			
2095 ICE-----	6				6			
2414 TIMBER, POSTS, POLES, PILING-----	8,631							8,631
2819 BASIC CHEMICALS AND PROD, NEC-----	2,601			572	2,029			
2914 DISTILLATE FUEL OIL-----	25,929			21,897	290			3,782
2916 LUBRICATING OILS AND PREPARED-----	1,546			1,546				
2920 COKE, PETROLEUM COKE-----	1,150			1,150				
3241 BUILDING CEMENT-----	65,647			47,448	10,617			982
3291 MISC NONMETALLIC MINERAL PROD-----	63				63			
3315 IRON, STEEL SHAPES, EXC SHEET-----	654			654				
3316 IRON AND STEEL PLATES, SHEETS-----	2,851			2,851				
3317 IRON AND STEEL PIPE AND TUBE-----	125,873			2,948	755			122,170
3319 IRON AND STEEL PRODUCTS, NEC-----	2,800			2,800				
3411 FABRICATED METAL PRODUCTS-----	359			359				
3511 MACHINERY, EXCEPT ELECTRICAL-----	16,081		7,000	2,726	4,474	430	1,051	
3731 SHIPS AND BOATS-----	85	85						
3911 MISC MANUFACTURED PRODUCTS-----	189,835			2,599	146,417	330	1,124	39,865
4111 WATER-----	65,680			270	10,605			73,975
4112 COMMODITIES, NEC-----	69							89
TOTAL TON-MILES, 5,017,576.								

## ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO

SECTION INCLUDED: FROM MORGAN CITY, LA., TO THE 23-FOOT CONDUIT IN THE GULF OF MEXICO, CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 15 FEET; BAY CHANNEL, 19 FEET. PROJECT DEPTH: 21 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	4,193,883	1976-----	3,757,227
1972-----	4,516,695	1977-----	4,715,662
1973-----	4,756,737	1978-----	3,651,216
1974-----	3,694,205	1979-----	3,127,965
1975-----	3,795,831	1980-----	2,928,294

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				
		IMPORTS	EXPORTS	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH
TOTAL-----	1,926,294	12,299	25,670	28,178	149,744	130	71	2,142,484
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,347			1,347				
0912 SHELLFISH, EXCEPT PREPARED-----	4,228			4,228				
0913 MARINE SHELLS, UNMANUFACTURED-----	1,911,888			10,540			1,901,348	
1311 CRUDE PETROLEUM-----	273,101				132,194		140,907	
1442 SAND, GRAVEL, CRUSHED ROCK-----	181							181
1451 CLAY-----	17,270			1,707	1,720		2,463	31,497
1499 NONMETALLIC MINERALS, NEC-----	2			20				
2011 MEAT, FRESH, CHILLED, FROZEN-----	1		1					
2014 YALLOW, ANIMAL FATS AND OILS-----	1,196		1,196					
2042 PREPARED ANIMAL FEEDS-----	4,205				3,717			488
2094 GROCERIES-----	4,474						1,753	2,721

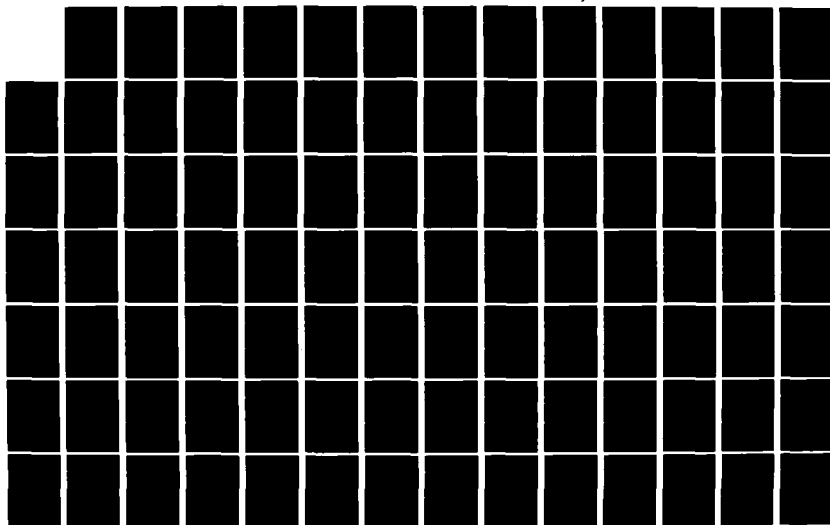
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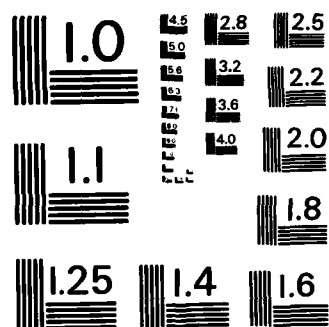
WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR 2/3  
1980 PART 2 WATERW. (U) CORPS OF ENGINEERS FORT BELVOIR  
VA WATER RESOURCES SUPPORT CE. SEP 82 WRSC-WCUS-88-2

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
2099 MISCELLANEOUS FOOD PRODUCTS----	1	-----	1	-----	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	9	-----	9	-----	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	35	-----	-----	-----	-----	-----	-----	-----	35
2691 PULP AND PAPER PRODUCTS, NEC--	29	-----	-----	-----	-----	-----	-----	29	-----
2711 PRINTED MATTER-----	15	-----	-----	-----	-----	-----	-----	15	-----
2819 BASIC CHEMICALS AND PROD, NEC--	39,312	-----	4,676	-----	315	-----	-----	10,095	24,226
2821 PLASTIC MATERIALS-----	2	-----	2	-----	-----	-----	-----	-----	-----
2841 SOAP-----	4,334	-----	4,334	-----	-----	-----	-----	-----	-----
2851 PAINTS-----	9	-----	8	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	130	-----	12	-----	-----	-----	-----	-----	118
2911 GASOLINE-----	133	-----	-----	-----	-----	-----	-----	133	-----
2914 DISTILLATE FUEL OIL-----	32,017	-----	-----	7,476	-----	-----	-----	344	24,197
2915 RESIDUAL FUEL OIL-----	2,774	-----	-----	-----	2,774	-----	-----	-----	-----
2916 LUBRICATING OILS AND GREASES-----	8	-----	8	-----	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	26	-----	26	-----	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	43,026	5,878	163	357	510	-----	-----	10,205	25,913
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,661	1,659	2	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	59,688	1,233	1,240	2,805	635	130	200	13,953	39,492
3411 FABRICATED METAL PRODUCTS-----	1,114	150	696	-----	-----	-----	-----	131	137
3511 MACHINERY, EXCEPT ELECTRICAL-----	11,200	11	7,356	-----	50	-----	50	1,201	2,532
3611 ELECTRICAL MACH AND EQUIP-----	196	-----	195	-----	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	40	-----	40	-----	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	7,198	1,500	5,698	-----	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	10	-----	10	-----	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	10	-----	10	-----	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	169,981	16	-----	118	950	-----	21	46,680	122,196
4011 IRON AND STEEL SCRAP-----	50	-----	-----	-----	-----	-----	-----	50	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	4	-----	4	-----	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	250	-----	-----	-----	-----	-----	-----	250	-----
4111 WATER-----	160,754	-----	-----	-----	5,570	-----	-----	497	162,687
4112 COMMODITIES, NEC-----	40,299	1,852	22	180	1,853	-----	-----	6,238	36,154
4119 EMPTY CONTAINERS-----	25	-----	-----	-----	-----	-----	-----	25	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	1	-----	1	-----	-----	-----	-----	-----	-----
TOTAL TON-MILES, 97,352,782.									

ATCHAFALAYA RIVER, LA.

SECTION INCLUDED: OLD RIVER LOCK AT MISSISSIPPI RIVER THROUGH OLD RIVER TO THREE RIVERS THEN VIA ATCHAFALAYA RIVER TO MORGAN CITY, LA., 121 MILES. CONTROLLING DEPTH (MEAN LOW GULF): 12 FEET. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	7,934,624	1976-----	5,528,259
1972-----	5,369,106	1977-----	5,981,429
1973-----	2,564,798	1978-----	6,560,407
1974-----	4,552,884	1979-----	4,124,018
1975-----	2,958,038	1980-----	4,327,349

## FREIGHT TRAFFIC, 1980

DOMESTIC  
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	4,327,349	809,885	1,433,628	10,773	5,690	782,501	1,284,872
0106 SORGHUM GRAINS-----	2,922	-----	-----	-----	-----	2,922	-----
0107 WHEAT-----	11,009	-----	-----	-----	-----	11,009	-----
0111 SOYBEANS-----	414,566	-----	180,270	-----	-----	234,296	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	689	-----	36	-----	653	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	2,823	-----	1,322	-----	1,501	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	29,000	19,000	-----	-----	-----	3,000	7,000
1011 IRON ORE AND CONCENTRATES-----	1,429	1,429	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	1,693	1,693	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	4,157	4,157	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	284,612	345,189	-----	10,773	3,536	138,133	100,863
1442 SAND, GRAVEL, CRUSHED ROCK-----	25,538	16,568	-----	-----	-----	-----	8,970
1451 CLAY-----	46,018	32,554	13,464	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	29,434	23,298	-----	-----	-----	6,136	-----
2042 PREPARED ANIMAL FEEDS-----	2,633	-----	2,633	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,280	-----	1,280	-----	-----	-----	-----
2061 SUGAR-----	16,572	-----	-----	-----	-----	16,572	-----
2062 MOLASSES-----	1,418	-----	-----	-----	-----	-----	1,418
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	18,295	3,550	-----	-----	-----	11,743	2,982
2813 ALCOHOLS-----	7,762	-----	-----	-----	-----	3,688	4,074
2817 BENZENE AND TOLUENE-----	20,265	3,307	-----	-----	-----	11,398	5,600
2819 BASIC CHEMICALS AND PROD, NEC-----	113,389	5,862	1,258	-----	-----	106,269	-----
2879 FERTILIZER AND MATERIALS, NEC-----	1,215	-----	-----	-----	-----	-----	1,215
2911 GASOLINE-----	259,287	74,109	742,762	-----	-----	22,703	19,713
2912 JET FUEL-----	1,390	-----	-----	-----	-----	1,390	-----
2914 DISTILLATE FUEL OIL-----	220,970	84,144	75,417	-----	-----	2,498	58,891
2915 RESIDUAL FUEL OIL-----	498,877	166,502	22,192	-----	-----	95,521	214,662

## NEW ORLEANS, LA., DISTRICT

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ATCHAFALAYA RIVER, LA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND
2916 LUBRICATING OILS AND GREASES-----	87,405	-----	-----	-----	-----	87,405	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	40,192	47,605	3,116	-----	-----	9,471	-----
2918 ASPHALT, TAR, AND PITCHES-----	13,636	-----	-----	-----	-----	13,636	-----
2921 LIQUEFIED GASES-----	25,582	-----	20,479	-----	-----	4,075	1,028
3241 BUILDING CEMENT-----	1,620	407	1,388	-----	-----	25	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,000	-----	-----	-----	-----	-----	1,000
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,600	-----	-----	-----	-----	-----	3,600
3316 IRON AND STEEL PLATES, SHEETS-----	3,914	2,857	-----	-----	-----	-----	1,077
3317 IRON AND STEEL PIPE AND TUBE-----	5,355	3,975	1,380	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,200	1,200	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	510	510	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	1,713	1,713	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	3,520	169	3,351	-----	-----	-----	-----
4111 WATER-----	15,201	-----	15,201	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	3,960	439	2,890	-----	-----	631	-----
4118 WATERWAY IMPROVEMENT MAT-----	882,979	30,200	-----	-----	-----	-----	852,779
4119 EMPTY CONTAINERS-----	25	25	-----	-----	-----	-----	-----
TOTAL TON-MILES, 232,214,607.							

RED RIVER BELOW FULTON, ARK.

SECTION INCLUDED: MOUTH AT JUNCTION OF OLD AND ATCHAFALAYA RIVERS, LA., TO FULTON, ARK., 455.6 MILES. CONTROLLING DEPTH (MEAN LOW WATER): MOUTH OF RED RIVER TO MOUTH OF BLACK RIVER, MILE 34.2, 9 FEET; MOUTH OF BLACK RIVER TO ALEXANDRIA, LA., 4 FEET; TO SHEREVPORT, LA., LESS THAN 2 FEET; TO FULTON, ARK., LESS THAN 1 FOOT. PROJECT DEPTH: 9 FEET TO MILE 34.2 (NONE ABOVE).

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	493,612	1976-----	1,815,278
1972-----	788,207	1977-----	1,404,432
1973-----	723,844	1978-----	1,753,883
1974-----	1,034,829	1979-----	1,790,974
1975-----	1,471,931	1980-----	1,735,419

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL				
		INBOUND	NORTHBOUND	SOUTHBOUND	THROUGH	
					NORTHBOUND	SOUTHBOUND
TOTAL-----	1,735,418	868,456	84,150	3,350	129,951	649,511
0106 SORGHUM GRAINS-----	2,922					2,922
0107 WHEAT-----	11,009					11,009
0111 SOYBEANS-----	232,640					232,640
0931 MARINE SHELLS, UNMANUFACTURED-----	10,000	10,000				
1311 CRUDE PETROLEUM-----	110,148					110,148
1442 SAND, GRAVEL, CRUSHED ROCK-----	8,970				2,000	6,970
2061 SUGAR-----	9,935					9,935
2062 MOLASSES-----	1,418					1,418
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	14,745				14,563	182
2813 ALCOHOLS-----	5,424				4,074	1,350
2817 BENZENE AND TOLUENE-----	16,958				1,420	15,538
2819 BASIC CHEMICALS AND PROD, NEC-----	21,708					21,008
2879 FERTILIZER AND MATERIALS, NEC-----	1,215				1,215	
2911 GASOLINE-----	22,544				22,544	
2914 DISTILLATE FUEL OIL-----	27,670				9,860	17,810
2915 RESIDUAL FUEL OIL-----	288,556				74,250	214,306
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,400					1,400
2921 LIQUEFIED GASES-----	2,875					2,875
3241 BUILDING CEMENT-----	25				25	
3314 IRON AND STEEL PRIMARY FORMS-----	1,000	1,000				
3315 IRON, STEEL SHAPES, EXC SHEET-----	3,600	3,600				
3316 IRON AND STEEL PLATES, SHEETS-----	1,077	1,077				
3911 MACHINERY, EXCEPT ELECTRICAL-----	700		700			
4118 WATERWAY IMPROVEMENT MAT-----	939,579	852,779	83,400	3,350		
TOTAL TON-MILES, 92,006,203.						

## GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE

SECTION INCLUDED: 64.1 MILES; MORGAN CITY, LA., TO PORT ALLEN, LA., VIA THE EAST ATCHAFALAYA BASIN PROTECTION LEVEE BORROW PIT, BAYOU SORREL LOCK, LOWER GRAND RIVER AND BAYOU PLAQUEMINE TO INDIAN VILLAGE, THENCE VIA BAYOU GROSSE TETE AND LAND CUT TO THE MISSISSIPPI RIVER THROUGH LOCK IN LEVEE AT PORT ALLEN OPPOSITE BATON ROUGE, LA., CONTROLLING DEPTH (MEAN LOW WATER) 12 FEET; PROJECT DEPTH 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	14,368,939	1976-----	18,961,414
1972-----	19,173,890	1977-----	18,456,491
1973-----	14,269,832	1978-----	18,066,503
1974-----	15,895,856	1979-----	20,254,735
1975-----	17,083,459	1980-----	19,066,976

NOTE: ABOVE COMMERCE, UNLESS IT ALSO TRANSITED THE GULF INTRACOASTAL WATERWAY EAST OR WEST OF MORGAN CITY, LA., IS NOT INCLUDED IN THE CONSOLIDATED REPORT FOR THE GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER.

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL				
		INBOUND	OUTBOUND	NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND
TOTAL-----	19,066,976	301,862	654,045	102,786	11,891,949	6,116,334
0103 CORN-----	19,621					19,621
0105 RICE-----	15,630				3,054	12,576
0106 SORGHUM GRAINS-----	3,275					3,275
0107 WHEAT-----	1,890	1,890				
0111 SOYBEANS-----	33,832				23,029	10,803
0119 OILSEEDS, NEC-----	4,511				1,511	3,000
0122 HAY AND FODDER-----	1,431				1,431	
0161 ANIMALS AND PRODUCTS, NEC-----	3,001					3,001
0911 FRESH FISH, EXCEPT SHELLFISH-----	250		250			
0912 SHELLFISH, EXCEPT PREPARED-----	1,084		1,084			
0931 MARINE SHELLS, UNMANUFACTURED-----	37,130	37,130				
1011 IRON ORE AND CONCENTRATES-----	7,615					7,615
1051 ALUMINUM ORES, CONCENTRATES-----	53,307					53,307
1061 MANGANESE ORES, CONCENTRATES-----	18,815				2,400	16,415
1091 NONFERROUS ORES, CONCENT, NEC-----	31,977				12,950	19,027
1121 COAL AND LIGNITE-----	73,439					73,439
1311 CRUDE PETROLEUM-----	1,115,903	233,299	338,043	102,786	282,443	159,332
1411 LIMESTONE-----	15,261					15,261
1442 SAND, GRAVEL, CRUSHED ROCK-----	96,094				5,570	90,524
1451 CLAY-----	46,734	3,600			2,854	40,280
1493 SULPHUR, LIQUID-----	36,866				36,866	
1499 NONMETALLIC MINERALS, NEC-----	2,761,453	525	244		2,670,632	30,052
2014 TALLOW, ANIMAL FATS AND OILS-----	1,652					1,652
2042 PREPARED ANIMAL FEEDS-----	21,666				15,528	6,138
2049 GRAIN MILL PRODUCTS, NEC-----	10,309				2,940	7,369
2061 SUGAR-----	35,840				35,840	
2062 MOLASSES-----	11,514				1,374	10,140
2091 VEGETABLE OILS, MARG, SHORT-----	3,057					3,057
2092 ANIMAL OILS AND FATS, NEC-----	3,158				3,158	
2621 STANDARD NEWSPRINT PAPER-----	5,718					5,718
2631 PAPER AND PAPERBOARD-----	3,555				765	2,790
2691 PULP AND PAPER PRODUCTS, NEC-----	1,449					1,449
2810 SODIUM HYDROXIDE-----	370,689				323,642	47,047
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	277,769				73,690	204,079
2813 ALCOHOLS-----	619,729				565,375	54,356
2817 BENZENE AND TOLUENE-----	460,475				246,202	214,273
2818 SULPHURIC ACID-----	44,816				11,563	33,253
2819 BASIC CHEMICALS AND PROD, NEC-----	3,881,225				3,517,788	363,437
2821 PLASTIC MATERIALS-----	62,642				57,989	4,653
2822 SYNTHETIC RUBBER-----	5,021				5,021	
2861 GUM AND WOOD CHEMICALS-----	1,327					1,327
2871 NITROGENOUS CHEM FERTILIZERS-----	270,933				11,372	259,561
2872 POTASSIC CHEM FERTILIZERS-----	11,709				11,709	
2873 PHOSPHATIC CHEM FERTILIZERS-----	37,138					37,138
2879 FERTILIZER AND MATERIALS, NEC-----	56,003				44,969	11,034
2891 MISCELLANEOUS CHEMICAL PROD-----	83,414				64,903	18,511
2911 GASOLINE-----	1,289,692	1,915	169,795		714,646	403,336
2912 JET FUEL-----	201,573				154,745	46,828
2913 KEROSENE-----	49,647				45,647	4,000
2914 DISTILLATE FUEL OIL-----	748,134	2,588			295,335	452,799
2915 RESIDUAL FUEL OIL-----	1,539,722				862,098	677,624
2916 LUBRICATING OILS AND GREASES-----	813,555	20,262			622,763	170,530
2917 NAPHTHA, PETROLEUM SOLVENTS-----	964,761		7,950		720,171	236,640
2918 ASPHALT, TAR, AND BITUMENS-----	138,804				78,090	60,714
2920 COKE, PETROLEUM COKE-----	180,299				131,681	48,618
2921 LIQUEFIED GASES-----	156,410		134,204		9,612	12,594
2991 PETROLEUM AND COAL PROD, NEC-----	32,976				20,595	12,381
3211 GLASS AND GLASS PRODUCTS-----	1,557					1,557
3241 BUILDING CEMENT-----	94,836	293			301	94,242
3251 STRUCTURAL CLAY PRODUCTS-----	6,357					6,357
3271 LIME-----	4,250					4,250
3312 SLAG-----	5,993					5,993
3314 IRON AND STEEL PRIMARY FORMS-----	163,230				1,700	161,530
3315 IRON, STEEL SHAPES, EXC SHEET-----	77,750				23,827	53,923
3316 IRON AND STEEL PLATES, SHEETS-----	365,994				17,364	348,630
3317 IRON AND STEEL PIPE AND TUBE-----	378,564	290	60		52,034	326,180
3318 FERRALLIYS-----	22,633				6,690	15,943
3319 IRON AND STEEL PRODUCTS, NEC-----	242,886				44,518	198,368
3321 NONFERROUS METALS, NEC-----	1,399				1,399	
3323 LEAD AND ZINC, UNWORKED-----	4,280				2,872	1,408
3324 ALUMINUM AND ALLOYS, UNWORKED-----	16,374				14,487	1,887

## NEW ORLEANS, LA., DISTRICT

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GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 DOMESTIC--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL				
		INBOUND	OUTBOUND	NORTHBOUND	NORTHBOUND	SOUTHBOUND
3411 FABRICATED METAL PRODUCTS-----	11,439				3,560	7,879
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,541				425	3,116
3611 ELECTRICAL MACH AND EQUIP-----	105,140				85,843	19,297
3731 SHIPS AND BOATS-----	10,412					10,412
4011 IRON AND STEEL SCRAP-----	727,266	70	2,415		4,330	720,451
4029 WASTE AND SCRAP, NEC-----	98,331					98,331
4112 COMMODITIES, NEC-----	2,800				600	2,200
4118 WATERWAY IMPROVEMENT MAT-----	5,900					5,900
4119 EMPTY CONTAINERS-----	244					244
TOTAL TON-MILES, 1,176,261,961.						

## PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.

SECTION INCLUDED: BAYOU PETIT ANSE FROM GULF INTRACOASTAL WATERWAY TO HEAD OF AVERY ISLAND, 6.1 MILES; BAYOU CARLIN FROM MOUTH TO LAKE PEIGNEUR, 7.6 MILES; MCILHENNY (AVERY) CANAL FROM GULF INTRACOASTAL WATERWAY TO VERMILION BAY, 2.4 MILES, CONTROLLING DEPTH (MEAN LOW GULF): BAYOU PETIT ANSE, 9 FEET; BAYOU CARLIN, 9 FEET; AVERY CANAL, BAR CHANNEL, 5 FEET; TO GULF INTRACOASTAL WATERWAY, 9 FEET. PROJECT DEPTH: BAYOU PETIT ANSE, 9 FEET; BAYOU CARLIN, 9 FEET; MCILHENNY (AVERY) CANAL, 7 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,568,641	1976-----	1,517,007
1972-----	1,589,435	1977-----	1,706,713
1973-----	1,845,954	1978-----	2,027,453
1974-----	1,529,200	1979-----	2,087,468
1975-----	1,361,824	1980-----	1,730,794

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	
		SHIPMENTS	INBOUND	OUTBOUND
TOTAL-----	1,730,794	10,397	97,904	1,622,493
0911 FRESH FISH, EXCEPT SHELLFISH-----	283		283	
0912 SHELLFISH, EXCEPT PREPARED-----	4,036		4,036	
0931 MARINE SHELLS, UNMANUFACTURED-----	6,750		6,750	
1311 CRUDE PETROLEUM-----	62,551		41,963	20,588
1451 CLAY-----	1,620		1,145	475
1499 NONMETALLIC MINERALS, NEC-----	1,541,052	10,397	3,061	1,527,594
2061 SUGAR-----	41,059			41,059
2095 ICE-----	7			7
2819 BASIC CHEMICALS AND PROD, NEC-----	366		15	351
2911 GASOLINE-----	29,183		3,502	25,681
2914 DISTILLATE FUEL OIL-----	42,662		35,924	6,738
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,200		1,200	
3241 BUILDING CEMENT-----	25		25	
TOTAL TON-MILES, 11,395,432.				

## LAKE CHARLES DEEP WATER CHANNEL, LA.

SECTION INCLUDED: CALCASIEU RIVER TO SABINE RIVER, FOLLOWING THE CALCASIEU-SABINE SECTION OF THE GULF INTRACOASTAL WATERWAY, 24.9 MILES, CONTROLLING DEPTH (MEAN LOW GULF): 12 FEET. PROJECT DEPTH: 30 FEET (MAINTAINED TO GULF INTRACOASTAL WATERWAY DEPTH).

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	41,380,133	1976-----	35,687,549
1972-----	39,764,007	1977-----	39,006,541
1973-----	35,280,652	1978-----	38,138,177
1974-----	34,712,249	1979-----	35,951,037
1975-----	32,437,158	1980-----	34,849,807

## LAKE CHARLES DEEP WATER CHANNEL, LA.--CONTINUED

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH		INBOUND	OUTBOUND	THROUGH	
		EASTBOUND	WESTBOUND			EASTBOUND	WESTBOUND
TOTAL-----	34,849,887	24,182	3,300	58,500	10,367	18,166,866	16,586,592
3101 COTTON, RAW-----	1,521	-----	-----	-----	-----	1,521	-----
0103 CORN-----	9,984	-----	-----	-----	-----	4,048	5,936
0105 RICE-----	36,456	-----	-----	-----	-----	18,550	17,906
0106 SORGHUM GRAINS-----	3,482	-----	-----	-----	-----	207	3,275
0107 WHEAT-----	18,724	-----	-----	-----	-----	18,724	-----
0111 SOYBEANS-----	12,333	-----	-----	-----	-----	12,113	220
0119 OILSEEDS, NEC-----	4,942	-----	-----	-----	-----	1,942	3,000
0122 HAY AND FODDER-----	1,431	-----	-----	-----	-----	1,431	-----
0133 COFFEE-----	262	-----	-----	-----	-----	-----	262
0161 ANIMALS AND PRODUCTS, NEC-----	10,383	-----	-----	-----	-----	-----	10,383
0841 CRUDE RUBBER AND ALLIED GUMS-----	226	-----	-----	-----	-----	-----	226
0931 MARINE SHELLS, UNMANUFACTURED-----	1,203,430	-----	-----	58,500	-----	-----	1,144,930
1011 IRON ORE AND CONCENTRATES-----	18,033	-----	-----	-----	-----	9,976	8,057
1051 ALUMINUM ORES, CONCENTRATES-----	57,631	-----	-----	-----	-----	-----	57,631
1061 MANGANESE ORES, CONCENTRATES-----	20,595	-----	-----	-----	-----	2,400	18,195
1091 NONFERROUS ORES, CONCENT, NEC-----	38,264	4,983	-----	-----	-----	12,950	20,331
1121 COAL AND LIGNITE-----	54,044	-----	-----	-----	-----	-----	54,044
1311 CRUDE PETROLEUM-----	5,174,882	-----	-----	-----	9,202	1,052,481	4,122,939
1411 LIMESTONE-----	5,788	-----	-----	-----	-----	4,379	1,409
1442 SAND, GRAVEL, CRUSHED ROCK-----	87,685	-----	-----	-----	-----	4,195	83,490
1451 CLAY-----	45,063	-----	-----	-----	-----	2,982	42,161
1493 SULPHUR, LIQUID-----	210,146	-----	-----	-----	-----	207,013	3,133
1499 NONMETALLIC MINERALS, NEC-----	178,591	-----	-----	-----	-----	147,337	31,254
2014 TALLOW, ANIMAL FATS AND OILS-----	2,721	-----	-----	-----	-----	1,500	1,221
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,820	-----	-----	-----	-----	1,820	-----
2041 WHEAT FLOUR AND SEMOLINA-----	4,626	-----	-----	-----	-----	3,564	1,062
2042 PREPARED ANIMAL FEEDS-----	55,518	-----	-----	-----	-----	32,737	22,781
2049 GRAIN MILL PRODUCTS, NEC-----	16,482	-----	-----	-----	-----	10,279	6,203
2062 MOLASSES-----	28,739	-----	-----	-----	-----	2,482	26,277
2091 VEGETABLE OILS, MARG, SHORT-----	17,409	-----	-----	-----	-----	8,152	9,257
2092 ANIMAL OILS AND FATS, NEC-----	1,165	-----	-----	-----	1,165	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,954	-----	-----	-----	-----	369	4,585
2211 BASIC TEXTILE PRODUCTS-----	1,168	-----	-----	-----	-----	-----	1,168
2212 TEXTILE FIBERS, NEC-----	2,813	-----	-----	-----	-----	295	2,518
2311 APPAREL-----	37	-----	-----	-----	-----	-----	37
2414 TIMBER, POSTS, POLES, PILING-----	2,087	-----	-----	-----	-----	533	1,554
2421 LUMBER-----	1,472	-----	-----	-----	-----	1,472	-----
2491 WOOD MANUFACTURES, NEC-----	18	-----	-----	-----	-----	-----	18
2611 PULP-----	1,211	-----	-----	-----	-----	1,211	-----
2621 STANDARD NEWSPRINT PAPER-----	3,180	-----	-----	-----	-----	243	2,937
2631 PAPER AND PAPERBOARD-----	9,166	-----	-----	-----	-----	765	8,401
2691 PULP AND PAPER PRODUCTS, NEC-----	1,813	-----	-----	-----	-----	364	1,449
2810 SODIUM HYDROXIDE-----	423,694	17,149	-----	-----	-----	303,256	303,289
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	421,209	-----	-----	-----	-----	142,758	278,451
2813 ALCOHOLS-----	761,018	-----	-----	-----	-----	633,338	127,680
2817 BENZENE AND TOLUENE-----	738,633	-----	-----	-----	-----	441,840	296,793
2818 SULPHURIC ACID-----	56,573	-----	-----	-----	-----	17,109	39,464
2819 BASIC CHEMICALS AND PROD, NEC-----	4,919,679	-----	-----	-----	-----	4,060,670	859,009
2821 PLASTIC MATERIALS-----	66,646	-----	-----	-----	-----	61,430	5,216
2822 SYNTHETIC RUBBER-----	14,469	-----	-----	-----	-----	10,272	4,197
2861 GUM AND WOOD CHEMICALS-----	1,327	-----	-----	-----	-----	-----	1,327
2871 NITROGENOUS CHEM FERTILIZERS-----	362,969	-----	-----	-----	-----	22,139	340,830
2872 POTASSIC CHEM FERTILIZERS-----	293,913	-----	-----	-----	-----	293,913	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	46,032	-----	-----	-----	-----	-----	46,032
2876 INSECTICIDES, DISINFECTANTS-----	110	-----	-----	-----	-----	110	-----
2879 FERTILIZER AND MATERIALS, NEC-----	200,841	-----	-----	-----	-----	93,152	107,709
2891 MISCELLANEOUS CHEMICAL PROD-----	54,356	-----	-----	-----	-----	33,045	21,311
2911 GASOLINE-----	2,856,814	-----	-----	-----	-----	1,640,623	1,216,191
2912 JET FUEL-----	381,522	-----	-----	-----	-----	246,517	135,005
2913 KEROSENE-----	376,795	-----	-----	-----	-----	261,857	114,938
2914 DISTILLATE FUEL OIL-----	2,205,704	-----	-----	-----	-----	862,552	1,343,152
2915 RESIDUAL FUEL OIL-----	5,947,724	-----	-----	-----	-----	4,221,284	1,726,440
2916 LUBRICATING OILS AND GREASES-----	985,873	-----	-----	-----	-----	801,482	184,391
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,679,975	-----	-----	-----	-----	902,326	777,649
2918 ASPHALT, TAR, AND PITCHES-----	256,153	-----	-----	-----	-----	178,813	77,340
2920 COKE, PETROLEUM COKE-----	727,388	-----	-----	-----	-----	694,461	32,927
2921 LIQUEFIED GASES-----	120,757	-----	-----	-----	-----	89,468	31,289
2921 PETROLEUM AND COAL PROD, NEC-----	109,781	-----	-----	-----	-----	50,790	58,991
3211 GLASS AND GLASS PRODUCTS-----	1,557	-----	-----	-----	-----	-----	1,557
3241 BUILDING CEMENT-----	162,381	-----	-----	-----	-----	16,323	146,058
3251 STRUCTURAL CLAY PRODUCTS-----	6,357	-----	-----	-----	-----	-----	6,357
3271 LIME-----	4,250	-----	-----	-----	-----	-----	4,250
3311 PIG IRON-----	2,988	-----	-----	-----	-----	-----	2,988
3312 SLAG-----	9,081	-----	-----	-----	-----	-----	9,081
3314 IRON AND STEEL PRIMARY FORMS-----	206,092	-----	-----	-----	-----	4,542	201,550
3315 IRON, STEEL SHAPES, EXC SHEET-----	119,793	-----	-----	-----	-----	51,126	68,667
3316 IRON AND STEEL PLATES, SHEETS-----	593,090	-----	1,200	-----	-----	160,086	433,004
3317 IRON AND STEEL PIPE AND TUBE-----	421,793	-----	700	-----	-----	94,707	326,386
3318 FERROALLOYS-----	40,545	-----	-----	-----	-----	8,090	32,455
3319 IRON AND STEEL PRODUCTS, NEC-----	306,598	-----	-----	-----	-----	97,677	208,921
3321 NONFERROUS METALS, NEC-----	1,399	-----	-----	-----	-----	1,399	-----
3322 COPPER ALLOYS, UNWORKED-----	1,103	-----	-----	-----	-----	-----	1,103
3323 LEAD AND ZINC, UNWORKED-----	5,552	-----	-----	-----	-----	4,144	1,408
3324 ALUMINUM AND ALLOYS, UNWORKED-----	12,201	-----	-----	-----	-----	11,583	698
3411 FABRICATED METAL PRODUCTS-----	20,044	-----	-----	-----	-----	8,966	11,078
3511 MACHINERY, EXCEPT ELECTRICAL-----	13,333	850	-----	-----	-----	7,790	4,693
3611 ELECTRICAL MACH AND EQUIP-----	2,497	-----	1,910	-----	-----	-----	587
3711 MOTOR VEHICLES, PARTS, EQUIP-----	3,927	-----	-----	-----	-----	117	3,810
3731 SHIPS AND BOATS-----	948	-----	690	-----	-----	158	100
3911 MISC MANUFACTURED PRODUCTS-----	13,381	-----	-----	-----	-----	12,295	1,086
4011 IRON AND STEEL SCRAP-----	1,146,163	-----	-----	-----	-----	9,595	1,136,568

## NEW ORLEANS, LA., DISTRICT

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## LAKE CHARLES DEEP WATER CHANNEL, LA.--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH		INBOUND	OUTBOUND	INTERNAL THROUGH	
		EASTBOUND	WESTBOUND			EASTBOUND	WESTBOUND
4012 NONFERROUS METAL SCRAP-----	435					435	
4029 WASTE AND SCRAP, NEC-----	168,720					15,776	152,944
4112 COMMODITIES, NEC-----	38,776					30,807	7,969
4118 WATERWAY IMPROVEMENT MAT-----	5,900						5,900
4119 EMPTY CONTAINERS-----	813					110	703

## BAYOU TECHE, LA.

SECTION INCLUDED: MOUTH TO ARNAUDVILLE, LA., 106.5 MILES. CONTROLLING DEPTH (MEAN LOW GULF): TO MILE .5, 8 FEET; TO NEW IBERIA, LA., 2 FEET; TO KEYSTONE LOCK, 4 FEET; TO BREAUX BRIDGE, LA., 1 FEET (MEAN LOW WATER). PROJECT DEPTH: 8 FEET TO NEW IBERIA, LA., 54.5 MILES; 6 FEET TO ARNAUDVILLE, LA., 52 MILES.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	525,290	1976-----	533,397
1972-----	660,119	1977-----	745,203
1973-----	652,217	1978-----	631,770
1974-----	615,798	1979-----	371,737
1975-----	609,664	1980-----	425,491

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	425,491	134,289	291,202
0111 SOYBEANS-----	19,959		19,959
0931 MARINE SMELLS, UNMANUFACTURED-----	105,515	105,515	
1051 ALUMINUM ORES, CONCENTRATES-----	9,646	9,646	
1311 CRUDE PETROLEUM-----	39,980		39,980
1451 CLAY-----	1,061	550	511
1499 NONMETALLIC MINERALS, NEC-----	1,488		1,488
2061 SUGAR-----	118,790		118,790
2062 MOLASSES-----	12,375		12,375
2891 MISCELLANEOUS CHEMICAL PROD-----	1,513	1,513	
2911 GASOLINE-----	11,233	2,845	8,388
2914 DISTILLATE FUEL OIL-----	527	527	
2915 RESIDUAL FUEL OIL-----	4,620	4,620	
2921 LIQUEFIED GASES-----	84,205		84,205
3241 BUILDING CEMENT-----	131	25	106
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,200	1,200	
3316 IRON AND STEEL PLATES, SHEETS-----	2,127	2,127	
3317 IRON AND STEEL PIPE AND TUBE-----	5,982	3,182	2,800
3319 IRON AND STEEL PRODUCTS, NEC-----	2,400	2,400	
3731 SHIPS AND BOATS-----	139	139	
3911 MISC MANUFACTURED PRODUCTS-----	1,600		1,600
4011 IRON AND STEEL SCRAP-----	1,000		1,000
TOTAL TON-MILES, 25,851,694.			

## HERMENTAU RIVER, LA.

SECTION INCLUDED: LOWER HERMENTAU RIVER FROM GULF INTRACOASTAL WATERWAY TO GULF OF MEXICO; INLAND WATERWAY FROM VERMILION BAY TO THE HERMENTAU RIVER; AND WATERWAY FROM WHITE LAKE TO PECAN ISLAND. CONTROLLING DEPTH (MEAN LOW GULF): LOWER HERMENTAU RIVER, THROUGH GRAND LAKE, 4 FEET; TO CATFISH POINT CONTROL STRUCTURE, 4 FEET; TO GRAND CHIENIERE HIGHWAY BRIDGE, 4 FEET; THROUGH NEW CHANNEL TO JETTIES, 9 FEET; BAR CHANNEL, 10 FEET; INLAND WATERWAY, THROUGH SCHOOVER BAYOU CUT-OFF CANAL TO CONTROL STRUCTURE, 10 FEET; TO WHITE LAKE, 9 FEET; THROUGH WHITE LAKE, 4 FEET; THROUGH TURTLE LAKE, 8 FEET; THROUGH COLLICON LAKE, 5 FEET; THROUGH GRAND LAKE, 5 FEET; NORTH PRONG OF SCHOOVER BAYOU, 7 FEET. PROJECT DEPTH: NORTH PRONG OF SCHOOVER BAYOU AND SCHOOVER BAYOU CUT-OFF 7 FEET; WHITE LAKE TO PECAN ISLAND, 5 FEET; OTHERWISE 3,000 SQ. FT. BELOW MLD CROSS-SECTIONAL AREA.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,029,602	1976-----	1,089,189
1972-----	1,318,809	1977-----	1,243,347
1973-----	1,507,559	1978-----	943,409
1974-----	1,391,941	1979-----	781,517
1975-----	1,336,711	1980-----	670,927

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MERMENTAU RIVER, LA.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC  
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	EASTBOUND	WESTBOUND	THROUGH EASTBOUND	WESTBOUND
TOTAL-----	470,927	96,950	527,756	458	860	40,980	3,923
0931 MARINE SHELLS, UNMANUFACTURED-----	83,969	83,969	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	536,197	-----	496,612	368	-----	39,217	-----
1451 CLAY-----	4,491	1,911	2,140	-----	385	-----	55
1499 NONMETALLIC MINERALS, NEC-----	5	-----	-----	-----	5	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	853	84	764	-----	5	-----	-----
2914 DISTILLATE FUEL OIL-----	9,491	4,262	956	-----	250	740	3,243
3241 BUILDING CEMENT-----	1,120	832	275	-----	-----	13	-----
3251 STRUCTURAL CLAY PRODUCTS-----	400	-----	400	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	6,689	1,505	3,419	25	125	990	625
3411 FABRICATED METAL PRODUCTS-----	210	35	110	65	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,939	880	1,039	-----	-----	20	-----
3911 MISC MANUFACTURED PRODUCTS-----	6,648	2,713	4,135	-----	-----	-----	-----
4111 WATER-----	15,600	295	15,415	-----	90	-----	-----
4112 COMMODITIES, NEC-----	2,955	464	2,491	-----	-----	-----	-----
TOTAL TON-MILES, 17,879,014.							

BAYOU TECHE AND VERMILION RIVER, LA.

SECTION INCLUDED: 51 MILES FROM VERMILION BAY TO GENERAL MOUTON AVENUE BRIDGE AT LAFAYETTE, LA. CONTROLLING DEPTH (MEAN LOW GULF):  
 BAR CHANNEL, 8 FEET; TO GULF INTRACOASTAL WATERWAY, 10 FEET; TO ABBEVILLE, LA., 8 FEET; TO MILE 40, 8 FEET; TO PINHOOK BRIDGE, 4  
 FEET. PROJECT DEPTH: 8 FEET, VERMILION BAY TO GULF INTRACOASTAL WATERWAY AND 9 FEET TO LAFAYETTE, LA.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,321,027	1976-----	1,224,900
1972-----	1,517,133	1977-----	1,193,811
1973-----	1,221,215	1978-----	1,174,485
1974-----	1,193,367	1979-----	1,033,264
1975-----	1,346,312	1980-----	959,418

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL					
		INBOUND	OUTBOUND	UPBOUND	DOWNBOUND	THROUGH UPBOUND	DOWNBOUND
TOTAL-----	959,418	393,867	525,499	52	135	22,480	17,385
0931 MARINE SHELLS, UNMANUFACTURED-----	208,877	208,877	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	225,424	3,678	205,255	-----	-----	16,491	-----
1411 LIMESTONE-----	4,379	4,379	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,375	-----	1,375	-----	-----	-----	-----
1451 CLAY-----	132,286	89,118	41,447	-----	135	250	1,336
1499 NONMETALLIC MINERALS, NEC-----	31,336	5,180	25,076	-----	-----	100	980
2042 PREPARED ANIMAL FEEDS-----	10,005	-----	10,005	-----	-----	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	1,500	-----	1,500	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	682	32	322	-----	-----	50	278
2819 BASIC CHEMICALS AND PROD, NEC-----	4,162	-----	3,228	-----	-----	175	759
2911 GASOLINE-----	8,484	1,414	7,050	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	66,459	56,153	7,087	-----	-----	500	2,719
2917 NAPHTHA, PETROLEUM SOLVENTS-----	8,564	-----	8,564	-----	-----	-----	-----
3241 BUILDING CEMENT-----	20,644	274	19,334	52	-----	-----	984
3251 STRUCTURAL CLAY PRODUCTS-----	525	525	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	700	700	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	709	629	-----	-----	-----	40	40
3317 IRON AND STEEL PIPE AND TUBE-----	17,561	2,614	10,634	-----	-----	2,222	2,101
3411 FABRICATED METAL PRODUCTS-----	145	145	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	14,942	4,323	8,039	-----	-----	1,073	1,527
3911 MISC MANUFACTURED PRODUCTS-----	97,039	12,007	83,839	-----	-----	606	497
4011 IRON AND STEEL SCRAP-----	2,007	-----	1,501	-----	-----	506	-----
4111 WATER-----	89,990	995	84,036	-----	-----	175	4,784
4112 COMMODITIES, NEC-----	11,610	2,731	7,207	-----	-----	292	1,380
4119 EMPTY CONTAINERS-----	13	13	-----	-----	-----	-----	-----
TOTAL TON-MILES, 11,907,565.							

## NEW ORLEANS, LA., DISTRICT

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## MERMENTAU RIVER, BAYOUS NEZPIQUE AND DES CANNES, LA.

SECTION INCLUDED: MERMENTAU RIVER FROM GULF INTRACOASTAL WATERWAY TO MILE 71.5; BAYOU NEZPIQUE FROM MOUTH TO MILE 25; BAYOU DES CANNES FROM MOUTH TO MILE 8.5. CONTROLLING DEPTH (MEAN LOW GULF): MERMENTAU RIVER FROM GULF INTRACOASTAL WATERWAY TO MILE 71.5, 10 FEET; BAYOU NEZPIQUE TO I-10 BRIDGE, 12 FEET; BAYOU DES CANNES TO I-10 BRIDGE, 10 FEET. PROJECT DEPTH: 12 FEET FROM GULF INTRACOASTAL WATERWAY THROUGH BAYOUS DES CANNES AND NEZPIQUE TO INTERSTATE HIGHWAY 10.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,295,738	1976-----	998,284
1972-----	1,042,286	1977-----	1,175,448
1973-----	785,944	1978-----	1,616,918
1974-----	690,733	1979-----	1,786,943
1975-----	744,950	1980-----	1,841,696

## FREIGHT TRAFFIC, 1980

## DOMESTIC

## (SHORT TONS)

COMMODITY	TOTAL	INTERNAL			
		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND
TOTAL-----	1,841,696	844,223	956,074	15,455	25,944
0107 WHEAT-----	3,186		3,186		
0111 SOYBEANS-----	99,284		99,284		
0931 MARINE SHELLS, UNMANUFACTURED-----	70,199	70,199			
1311 CRUDE PETROLEUM-----	1,105,696	631,024	437,698	11,030	25,944
1451 CLAY-----	379		379		
1499 NONMETALLIC MINERALS, NEC-----	1,588		1,588		
2819 BASIC CHEMICALS AND PROD., NEC-----	3,542	3,542			
2879 FERTILIZER AND MATERIALS, NEC-----	50,089	50,089			
2911 GASOLINE-----	136,238	67,685	68,553		
2912 JET FUEL-----	17,560		17,560		
2913 KEROSENE-----	2,691		2,691		
2914 DISTILLATE FUEL OIL-----	106,487	5,326	98,891	2,280	
2915 RESIDUAL FUEL OIL-----	80,480	8,404	72,076		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	150,494		148,449	2,045	
3317 IRON AND STEEL PIPE AND TUBE-----	13,693	7,899	5,694	100	
3511 MACHINERY, EXCEPT ELECTRICAL-----	90	55	35		
TOTAL TON-MILES, 57,761,234.					

## CALCASIEU RIVER AND PASS, LA. (LAKE CHARLES, LA.)

SECTION INCLUDED: PHILLIPS BLUFF, LA., TO THE 42-FOOT CONTOUR IN GULF OF MEXICO, 102.1 MILES. CONTROLLING DEPTH (MEAN LOW GULF): BAR CHANNEL, 40 FEET; JETTY CHANNEL, 43 FEET; TO LAKE CHARLES, 36 FEET; TO MILE 51, 11 FEET; TO MILE 60, 8 FEET. PROJECT DEPTH: PHILLIPS BLUFF TO MILE 36.2, NONE SPECIFIED; 35 FEET BETWEEN MILES 36 AND 34.1 ABOVE LAKE CHARLES WHARVES; 40 FEET FROM LAKE CHARLES WHARVES TO GULF OF MEXICO, WITH 40 FEET IN CLOONEY LOOP; 12 FEET IN CAMERON LOOP; 40 FEET IN DEVIL'S ELBOW INDUSTRIAL CANAL; AND 42 FEET IN BAR CHANNEL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	CALCASIEU PASS (TONS)	INTERNAL TRAFFIC (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	CALCASIEU PASS (TONS)	INTERNAL TRAFFIC (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	6,540,984	12,677,455	19,218,439	14	1976-----	10,304,841	9,916,442	20,221,283	157
1972-----	5,122,570	11,905,692	17,028,562	20	1977-----	13,783,593	11,617,672	25,401,265	68
1973-----	5,209,343	11,295,919	16,505,262	56	1978-----	13,562,949	13,042,872	26,605,821	682
1974-----	5,913,288	10,651,366	16,564,654	123	1979-----	15,346,799	9,138,058	24,484,857	
1975-----	8,048,398	9,414,176	17,462,574	69	1980-----	10,916,373	9,833,927	20,750,300	

## FREIGHT TRAFFIC, 1980

## (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	20,750,300	3,939,202	3,300,729	235,781	3,440,662	5,676,923	3,841,611	315,393
0101 COTTON, RAW-----	894				894			
0103 CORN-----	400,588		373,795		10,372	16,421		
0105 RICE-----	580,322	1,117	511,399		61,533		6,273	
0107 WHEAT-----	54,051		53,863		168			
0111 SOYBEANS-----	1,127,291		1,103,004			24,287		
0122 HAY AND FODDER-----	22				22			
0134 COCOA BEANS-----	23	23						
0141 FRESH AND FROZEN VEGETABLES-----	1,620	19	2		1,599			
0161 ANIMALS AND PRODUCTS, NEC-----	1,548	2					1,546	
0861 FOREST PRODUCTS, NEC-----	1	1						
0911 FRESH FISH, EXCEPT SHELLFISH-----	150					150		
0912 SHELLFISH, EXCEPT PREPARED-----	7,971					7,971		
0931 MARINE SHELLS, UNMANUFACTURED-----	173,481					103,481		
1011 IRON ORE AND CONCENTRATES-----	8,594	8,594						
1091 NONFERROUS ORES, CONCENT, NEC-----	21				21			
1311 CRUDE PETROLEUM-----	8,015,728	3,406,017		7,034		3,160,288	846,620	195,769
1411 LIMESTONE-----	3,245				279	2,966		
1442 SAND, GRAVEL, CRUSHED ROCK-----	33,841	3,201			376	30,264		



## CALCASIEU RIVER AND PASS, LA. (LAKE CHARLES, LA.)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1451 CLAY-----	141,700	73,792	17,297			30,741	19,870	
1499 NONMETALLIC MINERALS, NEC-----	20,922				9,478	8,175	3,252	17
1911 ORDNANCE AND ACCESSORIES-----	10				10			
2012 MEAT AND PRODUCTS, NEC-----	10			20				
2021 DAIRY PRODUCTS, NEC-----	6,963		83		6,880			
2022 DRIED MILK AND CREAM-----	2,507		1,986		521			
2031 FISH AND SHELLFISH, PREPARED-----	5,160			5,069				
2034 VEGETABLES AND PREP, NEC-----	13,920	56			13,864			
2039 PREP FRUIT AND VEG JUICE, NEC-----	297	14		241	42			
2041 WHEAT FLOUR AND SEMOLINA-----	11,952		10,840		50		1,082	
2042 PREPARED ANIMAL FEEDS-----	26,505		12,785	320	1,630		11,770	
2049 GRAIN MILL PRODUCTS, NEC-----	38,434	2	13,900	21	23,526		985	
2061 SUGAR-----	1,035				1,035			
2061 ALCOHOLIC BEVERAGES-----	7,769			4,366	3,403			
2091 VEGETABLE OILS, MARG, SHORT-----	1,299			23	1,276			
2092 ANIMAL OILS AND FATS, NEC-----	28,156						20,070	8,086
2094 GROCERIES-----	33				23		10	
2095 ICE-----	3						3	
2099 MISCELLANEOUS FOOD PRODUCTS-----	31,237	34		1,184	30,019			
2211 BASIC TEXTILE PRODUCTS-----	339	23	148		168			
2212 TEXTILE FIBERS, NEC-----	270				270			
2311 APPAREL-----	211	8		38	165			
2411 LOGS-----	72		72					
2414 TIMBER, POSTS, POLES, PILING-----	152			20	132			
2416 WOOD CHIPS, STAVES, HOLDINGS-----	29,820		29,820					
2421 LUMBER-----	6,777	48	978		5,751			
2431 VENEER, PLYWOOD, WORKED WOOD-----	35,801		21,033	36	14,732			
2491 WOOD MANUFACTURES, NEC-----	5,165	697	1,060	29	3,379			
2511 FURNITURE AND FIXTURES-----	1,571	11		92	1,468			
2611 PULP-----	12,280		11,720		560			
2631 PAPER AND PAPERBOARD-----	235,225		212,791		11,610		10,824	
2691 PULP AND PAPER PRODUCTS, NEC-----	16,731		1,157	1,098	14,476			
2711 PRINTED MATTER-----	666				666			
2810 SODIUM HYDROXIDE-----	1,008,452			6,000	389,694	69,822	525,509	17,427
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	13,359				2,946	10,413		
2812 DYES, PIGMENT, TANNING MATS-----	181			181				
2813 ALCOHOLS-----	66,224				1,784	24,121	38,396	1,923
2817 BENZENE AND TOLUENE-----	48,331						48,331	
2818 SULPHURIC ACID-----	4,688			1,119	709	2,860		
2819 BASIC CHEMICALS AND PROD, NEC-----	851,895	11,877	333,107	24,215	100,226	101,373	281,097	
2821 PLASTIC MATERIALS-----	3,660			66	3,197		397	
2822 SYNTHETIC RUBBER-----	5,520		5,369	13	158			
2831 DRUGS-----	394			365	29			
2841 SOAP-----	9,387		15	6,040	3,332			
2851 PAINTS-----	75				75			
2871 NITROGENOUS CHEM FERTILIZERS-----	47,977		34,947				13,030	
2876 INSECTICIDES, DISINFECTANTS-----	2,049		256	72	1,721			
2879 FERTILIZER AND MATERIALS, NEC-----	6,665						6,665	
2891 MISCELLANEOUS CHEMICAL PROD-----	40,288	24,713	244	121	1,499		33,711	
2911 GASOLINE-----	1,454,545			7,292	1,125,619	255,513	66,121	
2912 JET FUEL-----	1,009,759				866,124	16,403	127,232	
2913 KEROSENE-----	225,438					201,712		23,726
2914 DISTILLATE FUEL OIL-----	670,168			7,752	168,869	181,226	273,557	38,764
2915 RESIDUAL FUEL OIL-----	1,616,102			154,776	362,267	569,628	522,455	6,976
2916 LUBRICATING OILS AND GREASES-----	314,716		8,512		51,924	1,525	252,755	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	243,012			89	2,499	20,545	219,879	
2918 ASPHALT, TAR, AND BITUMENS-----	35,125					34,866	187	
2920 COKE, PETROLEUM COKE-----	1,433,830		514,182			692,856	204,292	22,500
2921 LIQUEFIED GASES-----	17,032	8,192				8,840		
2951 ASPHALT BUILDING MATERIALS-----	745		32		713			
2991 PETROLEUM AND COAL PROD, NEC-----	114,823			39	109,403	240	5,141	
3011 RUBBER AND MISC PLASTIC PROD-----	11,194	6	4,746	32	6,410			
3111 LEATHER AND LEATHER PRODUCTS-----	99			83	14			
3211 GLASS AND GLASS PRODUCTS-----	906				906			
3241 BUILDING CEMENT-----	27,355		188		6	20,677	6,484	
3251 STRUCTURAL CLAY PRODUCTS-----	58				58			
3281 CUT STONE AND STONE PRODUCTS-----	23				23			
3291 MISC NONMETALLIC MINERAL PROD-----	5,816	14	21		18	5,763		
3314 IRON AND STEEL PRIMARY FORMS-----	4,448						4,448	
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,316			45	864	1,407		
3316 IRON AND STEEL PLATES, SHEETS-----	2,792				765	423	1,604	
3317 IRON AND STEEL PIPE AND TUBE-----	20,891			104	2,079	8,295	10,243	170
3318 FERROALLOYS-----	21			21				
3319 IRON AND STEEL PRODUCTS, NEC-----	498	6		28	464			
3321 NONFERROUS METALS, NEC-----	30			23	7			
3322 COPPER ALLOYS, UNWORKED-----	153				153			
3323 LEAD AND ZINC, UNWORKED-----	175				175			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	8,326				366	3,087	4,873	
3411 FABRICATED METAL PRODUCTS-----	8,828	528	6	604	5,874		1,816	
3511 MACHINERY, EXCEPT ELECTRICAL-----	15,957	20	131	914	2,174	1,924	10,759	35
3611 ELECTRICAL MACH AND EQUIP-----	136,333	114	21,215	3,218	3,041	19,297	89,448	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,629	7		647	1,975			
3721 AIRCRAFT AND PARTS-----	5			5				
3731 SHIPS AND BOATS-----	8,716				17	8,699		
3791 MISC TRANSPORTATION EQUIPMENT-----	42				42			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	16		1		7			
3911 MISC MANUFACTURED PRODUCTS-----	64,390	27		533	338	23,779	39,703	
4011 IRON AND STEEL SCRAP-----	5,075					3,433	1,642	
4012 NONFERROUS METAL SCRAP-----	73			21	2			
4029 WASTE AND SCRAP, NEC-----	20,015			20			19,995	
4111 WATER-----	96,961						96,961	
4112 COMMODITIES, NEC-----	17,872	21	3	301	1,800	3,452	12,595	
4119 EMPTY CONTAINERS-----	1,514			1,451	63			
TOTAL TON-MILES, 453,161,037.								

## NEW ORLEANS, LA., DISTRICT

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## PORT OF NEW ORLEANS, LA.

SECTION INCLUDED: BOTH BANKS OF THE MISSISSIPPI RIVER FROM MILE 127 A.M.P. TO THE MOUTH OF THE PASSE; INNERHARBOR NAVIGATION CANAL, 5.5 MILES; MISSISSIPPI RIVER-GULF OUTLET FROM ITS JUNCTION WITH THE INNERHARBOR NAVIGATION CANAL TO BAYOU RIENNEVEU, 7 MILES; AND HARVEY CANAL, 5.5 MILES. CONTROLLING DEPTHS: MISSISSIPPI RIVER, 45 FEET; INNERHARBOR NAVIGATION CANAL, 30 FEET TO MILE 2.1, THENCE 32 FEET; MISSISSIPPI RIVER-GULF OUTLET, 33 FEET; IN BAR CHANNEL, 17 FEET; HARVEY CANAL, 12 FEET. PROJECT DEPTHS: MISSISSIPPI RIVER, 40 FEET; INNERHARBOR NAVIGATION CANAL, 32 FEET TO MILE 2.1, NONE BEYOND; MISSISSIPPI RIVER-GULF OUTLET, 36 FEET; 38 FEET IN BAR CHANNEL, HARVEY CANAL, 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC				PASSENGERS	YEAR	VESSEL TRAFFIC				PASSENGERS
	CORPORATE LIMITS OF NEW ORLEANS (TONS)	POINTS ABOVE CORPORATE LIMITS (TONS)	POINTS BELOW CORPORATE LIMITS (TONS)	PORT OF NEW ORLEANS (TONS)			CORPORATE LIMITS OF NEW ORLEANS (TONS)	POINTS ABOVE CORPORATE LIMITS (TONS)	POINTS BELOW CORPORATE LIMITS (TONS)	PORT OF NEW ORLEANS (TONS)	
1971--	44,665,265	24,596,611	50,805,068	120,066,944	517,488	1976--	59,238,160	59,871,091	37,630,996	155,990,247	658,221
1972--	49,682,051	31,373,424	44,663,893	125,719,378	584,339	1977--	69,145,044	59,822,860	34,973,475	162,991,985	663,325
1973--	57,526,375	36,276,707	42,301,231	136,104,315	548,598	1978--	58,505,360	48,930,751	33,085,628	160,611,739	487,346
1974--	60,589,800	43,609,602	39,990,007	144,189,409	506,876	1979--	69,520,874	69,297,585	39,316,767	167,135,226	532,288
1975--	56,845,548	44,750,731	38,812,939	140,409,268	461,137	1980--	62,920,663	75,882,453	36,512,684	177,315,800	503,591

## ADDITIONAL TRAFFIC

YEAR	DEEP DRAFT THROUGH TRAFFIC (TONS)	YEAR	DEEP DRAFT THROUGH TRAFFIC (TONS)
1971--	34,447,504	1976--	85,503,809
1972--	34,209,312	1977--	110,506,269
1973--	42,751,763	1978--	126,032,260
1974--	44,266,837	1979--	134,083,106
1975--	61,947,455	1980--	134,568,492

## FREIGHT TRAFFIC, 1930

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	177,315,800	21,445,596	52,130,803	2,322,880	11,826,620	63,485,149	19,748,893	6,155,859
0101 COTTON, RAW-----	58,487	168	56,553	-----	-----	1,766	-----	-----
0102 BARLEY AND RYE-----	431	306	125	-----	-----	-----	-----	-----
0103 CORN-----	37,559,408	88	19,708,592	-----	46,112	17,731,270	64,351	8,995
0104 OATS-----	341,296	-----	337,504	-----	-----	3,792	-----	-----
0105 RICE-----	381,189	-----	229,474	286	15,932	135,497	-----	-----
0106 SORGHUM GRAINS-----	279,972	-----	-----	-----	-----	279,972	-----	-----
0107 WHEAT-----	11,667,812	9	6,127,219	-----	147,947	5,367,096	14,027	11,514
0111 SOYBEANS-----	15,955,608	1	7,737,800	-----	-----	8,183,353	23,580	10,874
0119 OILSEEDS, NEC-----	150,760	393	75,779	13	45	74,570	-----	-----
0121 TOBACCO, LEAF-----	28,690	21,183	7,482	11	214	-----	-----	-----
0122 HAY AND FODDER-----	1	-----	-----	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	2,586	646	1,899	9	32	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	5,956	2,337	3,074	45	-----	-----	-----	-----
0133 COFFEE-----	346,950	120,885	4,475	9,952	3,485	-----	8,153	-----
0134 COCOA BEANS-----	3,877	3,654	223	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	27,324	219	21,185	-----	5,920	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	16,937	181	6,546	-----	924	360	8,926	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	1,028	815	57	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	157,168	155,339	1,342	5	276	-----	156	-----
0861 FOREST PRODUCTS, NEC-----	11,236	9,438	1,793	-----	5	-----	226	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	913	390	477	10	15	21	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	10,405	198	149	-----	-----	10,058	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	1,036,895	-----	-----	-----	-----	1,036,130	675	-----
1011 IRON ORE AND CONCENTRATES-----	129,217	51,681	133	-----	-----	50,082	20,226	7,095
1021 COPPER ORE AND CONCENTRATES-----	26,541	3,622	7,521	-----	-----	15,398	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	543,314	465,728	41,609	-----	-----	-----	35,977	-----
1061 MANGANESE ORES, CONCENTRATES-----	169,426	107,350	8,943	-----	-----	11,323	41,780	-----
1091 NONFERROUS ORES, CONCENTRATES-----	278,427	144,981	24,574	-----	-----	31,229	77,643	-----
1121 COAL AND LIGNITE-----	12,552,773	43	3,809,565	-----	2,946,879	5,793,431	1,498	1,357
1311 CRUDE PETROLEUM-----	22,635,230	12,274,096	-----	461,687	171,893	3,885,020	4,551,239	1,291,295
1411 LIMESTONE-----	787,736	313,734	3,184	-----	-----	470,818	-----	-----
1412 BUILDING STONE, UNWORKED-----	63	-----	63	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	327,587	12,793	4,482	-----	163	294,689	15,009	451
1451 CLAY-----	1,760,076	1,322,603	162,328	-----	58	62,300	207,203	5,584
1471 PHOSPHATE ROCK-----	2,210,496	190,421	11	822,702	26,233	-----	1,171,129	-----
1492 SULPHUR, DRY-----	284,328	-----	282,978	-----	-----	1,350	-----	-----
1493 SULPHUR, LIQUID-----	4,389,232	-----	-----	255,797	1,765,891	1,738,106	998,193	131,215
1494 GYPSUM, CRUDE AND PLASTERS-----	160	-----	-----	33	127	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	580,729	114,303	79,611	23,292	4,014	12,690	153,419	-----
1911 ORDNANCE AND ACCESSORIES-----	1,655	131	361	124	-----	1,039	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	84,407	34,907	11,134	57	38,309	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	49,268	19,141	2,019	34	25,280	29	2,765	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	791,459	-----	460,436	-----	22,706	282,377	2,650	23,290
2015 ANIMAL BY-PRODUCTS, NEC-----	5,260	369	3,866	20	1,005	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	5,295	1,733	597	-----	2,965	-----	-----	-----
2022 DRIED MILK AND CREAM-----	15,685	753	10,720	83	3,197	1,132	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	4,839	577	1,032	3,210	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	29,269	7,673	14,443	-----	7,133	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	23,317	7,162	15,320	503	332	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	176,036	-----	143,451	-----	9,412	23,173	-----	-----
2042 PREPARED ANIMAL FEEDS-----	6,796,912	89	4,949,629	1,519	17,634	1,763,763	63,633	1,346

## PORT OF NEW ORLEANS, LA.--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2049 GRAIN MILL PRODUCTS, NEC	3,282,493	414	214,814	29	11,165	2,874,491	159,406	22,174
2061 SUGAR	1,273,995	522,600	369,108	140,269	2,423	127,260	112,335	
2062 MOLASSES	370,381	162,988	28,415	3,801	3,411	41,460	126,432	3,874
2081 ALCOHOLIC BEVERAGES	75,425	57,308	12,907	4,002	374	834		
2091 VEGETABLE OILS, MARG, SHORT	2,413,967	145,667	1,216,756		17,116	935,351	57,971	41,106
2092 ANIMAL OILS AND FATS, NEC	165,558	3,230	122,799			38,929		600
2094 GROCERIES	240				162		78	
2099 MISCELLANEOUS FOOD PRODUCTS	106,583	23,834	36,883	347	20,326	20,608	4,585	
2111 TOBACCO MANUFACTURES	178	67	88	23				
2211 BASIC TEXTILE PRODUCTS	79,141	51,600	20,684	57	2,445	425	3,930	
2212 TEXTILE FIBERS, NEC	6,399	1,058	1,220	1,025	3	295	2,798	
2311 APPAREL	4,152	541	2,550	248	7		37	
2411 LOGS	136,241	2,031	79,992		33	54,185		
2413 FUEL WOOD, CHARCOAL, WASTES	4,085		4,045		40			
2414 TIMBER, POSTS, POLES, PILING	3,621	202	531			949	1,889	50
2416 WOOD CHIPS, STAVES, HOLDINGS	358		358					
2421 LUMBER	147,625	40,050	79,624		77	12,473	15,388	13
2431 VENEER, PLYWOOD, WORKED WOOD	75,241	63,407	10,131			640	1,063	
2491 WOOD MANUFACTURES, NEC	38,659	14,866	23,228	20	282	13	290	
2511 FURNITURE AND FIXTURES	14,062	5,554	5,000	13	2,615	880		
2611 PULP	469,989	2,301	288,563			199,185		
2621 STANDARD NEWSPRINT PAPER	5,152				4,909	243		
2631 PAPER AND PAPERBOARD	764,634	34,777	516,818		12,654	180,210	20,175	
2691 PULP AND PAPER PRODUCTS, NEC	133,691	213	11,534	145	8,084	113,680		35
2711 PRINTED MATTER	1,256	236	675	36	309			
2810 SODIUM HYDROXIDE	130,134					122,277	7,857	
2811 CRUDE TAR, OIL, GAS PRODUCTS	207,630	13,533	612			72,229	73,014	48,242
2812 DYES, PIGMENT, TANNING MATS	1,235		1,232		3			
2813 ALCOHOLS	139,144		472		17,012	68,743	49,935	2,982
2816 RADIOACTIVE MATERIALS, WASTES	77		77					
2817 BENZENE AND TOLUENE	177,187			31,943		38,600	84,667	21,977
2818 SULPHURIC ACID	339,554					110,859	201,747	26,948
2819 BASIC CHEMICALS AND PROD, NEC	2,396,724	284,612	694,634	35,992	22,611	528,383	803,503	26,989
2821 PLASTIC MATERIALS	201,474	10,637	177,058	565	4,514	7,424	1,276	
2822 SYNTHETIC RUBBER	101,720		55,651			5,841	40,228	
2823 SYNTHETIC (MAN-MADE) FIBERS	8,612	427	7,925		2	258		
2831 DRUGS	8,284	755	5,363	43	2,073			
2841 SOAP	35,042	5,616	13,288	4,006	12,132			
2851 PAINTS	54,604	41,855	11,453		1,275	21		
2861 GUM AND WOOD CHEMICALS	23,210	116	22,911		62	121		
2871 NITROGENOUS CHEM FERTILIZERS	633,039	19,332	203,861		18,936	235,125	139,536	16,309
2872 POTASSIC CHEM FERTILIZERS	16,891		10,512		530		5,849	
2873 PHOSPHATIC CHEM FERTILIZERS	217,598	16,574	5,544				195,480	
2876 INSECTICIDES, DISINFECTANTS	49,357	21,548	26,697		1,002	110		
2879 FERTILIZER AND MATERIALS, NEC	1,469,760	36	141,940		400	46,648	1,299,214	1,522
2891 MISCELLANEOUS CHEMICAL PROD	230,314	17,510	196,774		1,675	10,118	3,237	1,000
2911 GASOLINE	5,938,996	6	13,677	49,657	1,922,606	1,285,167	2,498,521	189,362
2912 JET FUEL	388,636				320,215	54,285	14,136	
2913 KEROSENE	158,834		47		36,877	11,335	109,237	1,338
2914 DISTILLATE FUEL OIL	3,072,368		59	28,286	371,973	742,923	1,507,667	421,480
2915 RESIDUAL FUEL OIL	15,832,925	1,446,295	255,102	298,459	3,309,693	5,587,531	2,038,614	3,552,333
2916 LUBRICATING OILS AND GREASES	764,838	79,312	255,102	56,869	4,355	266,421	91,210	11,569
2917 NAPHTHA, PETROLEUM SOLVENTS	647,445		9,455	6,465	204,606	204,000	163,885	68,489
2918 ASPHALT, TAR, AND BITUMENS	168,280	3,081	9,455	7,272	71	81,946	6,535	
2920 COKE, PETROLEUM COKE	2,116,266	258,751	922,877		641	566,417	319,042	48,938
2921 LIQUEFIED GASES	791,463		312	32,232	124,324	478,472	116,189	39,934
2951 ASPHALT BUILDING MATERIALS	5,780		5,333		447			
2991 PETROLEUM AND COAL PROD, NEC	108,137	3,307	25,195	12,740	2,650	32,278	18,683	13,284
3011 RUBBER AND MISC PLASTIC PROD	49,507	26,252	61,672	6	1,577			
3111 LEATHER AND LEATHER PRODUCTS	3,460	2,471	664	359	26			
3211 GLASS AND GLASS PRODUCTS	75,784	1,911	41,357		3,561	27,955		1,000
3241 BUILDING CEMENT	222,496	91,357	4,069		2,177	26,587	96,814	1,552
3251 STRUCTURAL CLAY PRODUCTS	55,517	4,353	47,156		1,208	2,600		
3271 LIME	859		821					38
3281 CUT STONE AND STONE PRODUCTS	4,608	4,423	175				10	
3291 MISC NONMETALLIC MINERAL PROD	33,364	4,619	9,464	121	1,301	17,804	25	
3311 PIG IRON	14,928						14,920	8
3312 SLAG	128,934					125,363	3,433	138
3314 IRON AND STEEL PRIMARY FORMS	548,373	9,014	181,162			184,458	173,735	4
3315 IRON, STEEL SHAPES, EXC SHEET	1,750,420	1,344,841	64,041		417	72,877	263,512	4,732
3316 IRON AND STEEL PLATES, SHEETS	868,054	15,629	201,713			194,443	451,969	4,300
3317 IRON AND STEEL PIPE AND TUBE	947,418	497,989	80,928		362	57,169	265,130	45,840
3318 FERROALLOYS	562,865	322,383	34,448			22,344	183,690	
3319 IRON AND STEEL PRODUCTS, NEC	227,677	41,154	21,020		547	54,800	107,903	2,253
3321 NONFERROUS METALS, NEC	38,411	2,292	31,169		1,237	1,096	2,617	
3322 COPPER ALLOYS, UNWORKED	114,994	81,063	22,010		808		11,113	
3323 LEAD AND ZINC, UNWORKED	41,726	8,984	15,311		5	7,238	10,118	
3324 ALUMINUM AND ALLOYS, UNWORKED	264,411	89,523	139,047	60	1,554	8,706	25,521	
3411 FABRICATED METAL PRODUCTS	291,812	131,913	66,866	865	2,436	37,869	50,100	1,763
3511 MACHINERY, EXCEPT ELECTRICAL	399,099	96,391	217,148	1,925	1,644	48,007	23,322	662
3611 ELECTRICAL MACH AND EQUIP	110,446	31,712	64,562	2,390	4,153	1,773	5,405	51
3711 MOTOR VEHICLES, PARTS, EQUIP	69,910	20,430	38,122	1,057	1,181	2,146	6,112	362
3721 AIRCRAFT AND PARTS	716	87	629					
3731 SHIPS AND BOATS	21,701	143	16,963		3	4,435	197	
3791 MISC TRANSPORTATION EQUIPMENT	47,776	41,196	4,091		226		2,263	
3811 INSTR, TIME, PHOTO, OPT GOODS	5,424	715	3,304	1,405				
3911 MISC MANUFACTURED PRODUCTS	37,345	4,600	5,080	18	558	12,262	14,827	7,247
4011 IRON AND STEEL SCRAP	915,408	181	462,630	256		280,193	164,921	
4012 NONFERROUS METAL SCRAP	21,650	7,322	54,397	65		19,866		
4022 TEXTILE WASTE, SCRAP, SWEEP	4,833	2,312	2,441	80				
4024 PAPER WASTE AND SCRAP	5,167		5,167					
4029 WASTE AND SCRAP, NEC	29,769			248		1,346	28,175	
4111 WATER	53,389					1,466	51,923	
4112 COMMODITIES, NEC	154,215	13,009	4,588	20,090	69,611	34,155	11,017	1,745

## NEW ORLEANS, LA., DISTRICT

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PORT OF NEW ORLEANS, LA.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
4118 WATERWAY IMPROVEMENT MAT-----	388,904	-----	-----	-----	-----	336,904	21,000	31,000
4119 EMPTY CONTAINERS-----	2,014	-----	-----	-----	-----	910	1,104	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	14,186	-----	14,186	-----	-----	-----	-----	-----

PORT OF BATON ROUGE, LA.

SECTION INCLUDED: BOTH BANKS OF MISSISSIPPI RIVER FROM MILE 168 A.W.P., THROUGH MILE 238 A.W.P., INCLUDING THE BATON ROUGE BARGE CANAL FROM A POINT ON THE EAST BANK OF THE MISSISSIPPI RIVER AT MILE 234.5 A.W.P., FOR A DISTANCE OF 5 MILES. CONTROLLING DEPTH: 40 FEET TO MILE 233, 12 FEET BEYOND; 12 FEET IN BARGE CANAL. PROJECT DEPTH: 40 FEET TO MILE 232.9; 12 FEET BEYOND AND IN BARGE CANAL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	47,016,827	1976-----	66,702,534
1972-----	52,903,352	1977-----	70,008,229
1973-----	53,568,530	1978-----	74,570,106
1974-----	59,126,282	1979-----	76,703,422
1975-----	60,225,734	1980-----	79,346,780

\* PASSENGERS--6,816.

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	79,346,780	13,434,942	15,877,511	7,116,356	7,429,353	17,164,740	17,462,529	861,349
0103 CORN-----	1,274,337	-----	693,819	-----	9,560	557,398	13,560	-----
0104 OATS-----	34,231	-----	14,632	-----	-----	19,599	-----	-----
0105 RICE-----	296,006	-----	120,663	-----	-----	167,891	7,492	-----
0106 SORGHUM GRAINS-----	4,620	-----	-----	-----	-----	4,620	-----	-----
0107 WHEAT-----	466,340	-----	234,283	-----	-----	220,600	11,457	-----
0111 SOYBEANS-----	5,487,382	-----	3,382,135	-----	-----	2,092,909	11,096	1,242
0119 OILSEEDS, NEC-----	40,334	-----	6,881	-----	-----	33,453	-----	-----
0121 TOBACCO, LEAF-----	96	-----	96	-----	-----	-----	-----	-----
0122 HAY AND FODDER-----	1,431	-----	-----	-----	-----	1,431	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	1	-----	1	-----	-----	-----	-----	-----
0133 COFFEE-----	8,575	684	-----	-----	-----	7,891	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	41	-----	41	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	6	-----	-----	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	23	-----	23	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	230,600	-----	-----	-----	-----	230,600	-----	-----
1011 IRON ORE AND CONCENTRATES-----	344,027	141,619	-----	-----	-----	4,434	197,974	-----
1051 ALUMINUM ORES, CONCENTRATES-----	5,068,128	4,502,152	149,983	-----	-----	-----	415,993	-----
1061 MANGANESE ORES, CONCENTRATES-----	502,885	265,525	15,349	-----	-----	10,418	211,593	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	904,839	369,702	-----	-----	-----	13,765	421,372	-----
1121 COAL AND LIGNITE-----	46,313	-----	5,413	-----	-----	38,417	2,483	-----
1311 CRUDE PETROLEUM-----	13,644,061	6,405,920	-----	5,597,820	68,486	475,396	698,912	17,527
1411 LIMESTONE-----	369,282	5,739	-----	-----	-----	383,543	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,378,432	-----	-----	-----	-----	1,313,991	64,441	-----
1451 CLAY-----	150,949	128,630	13,046	-----	-----	8,873	-----	-----
1471 PHOSPHATE ROCK-----	452,673	2,800	-----	444,114	-----	-----	5,759	-----
1493 SULPHUR, LIQUID-----	215,774	-----	-----	-----	-----	215,774	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	406,818	20,238	2,401	-----	-----	75,255	284,020	24,904
1911 ORDNANCE AND ACCESSORIES-----	1	1	-----	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	126	126	-----	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	40	-----	40	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,820	-----	-----	-----	-----	1,820	-----	-----
2042 PREPARED ANIMAL FEEDS-----	6,910,998	-----	4,917,224	2,700	1,304	1,973,830	12,180	3,760
2049 GRAIN MILL PRODUCTS, NEC-----	2,944,060	-----	26,333	-----	6,888	2,894,340	15,147	1,352
2061 SUGAR-----	235,818	104,986	-----	-----	-----	5,693	125,139	-----
2062 MOLASSES-----	168,952	56,569	-----	-----	-----	9,973	102,410	-----
2081 ALCOHOLIC BEVERAGES-----	41	26	15	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	4,886	-----	-----	-----	-----	3,486	1,400	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	13	13	-----	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	62	59	3	-----	-----	-----	-----	-----
2411 LOGS-----	9,512	-----	3,212	-----	-----	390	5,000	-----
2415 PULPMOOD, LOG-----	2,410	-----	-----	-----	-----	2,410	-----	-----
2421 LUMBER-----	3,497	-----	3,497	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	4,315	-----	4,315	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	179	-----	179	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	10	8	2	-----	-----	-----	-----	-----
2611 PULP-----	320,754	-----	236,573	-----	-----	8,657	75,524	-----
2631 PAPER AND PAPERBOARD-----	164,044	639	108,494	-----	-----	52,382	2,529	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	7,255	-----	669	-----	-----	1,159	5,427	-----
2810 SODIUM HYDROXIDE-----	1,371,126	-----	-----	-----	179,749	156,947	970,436	63,994
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	32,309	-----	-----	-----	-----	4,360	27,940	-----
2812 DYES, PIGMENT, TANNING MATS-----	1	-----	1	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	866,945	-----	-----	-----	214,919	13,968	636,657	1,401
2817 BENZENE AND TOLUENE-----	696,855	-----	-----	34,724	-----	416,911	188,173	57,047
2818 SULPHURIC ACID-----	292,539	-----	-----	-----	7,090	92,165	190,536	2,748
2819 BASIC CHEMICALS AND PROD, NEC-----	6,333,207	175,502	1,603,635	55,829	129,471	692,264	3,572,850	72,656
2821 PLASTIC MATERIALS-----	33,694	-----	23,896	-----	-----	-----	9,798	-----
2822 SYNTHETIC RUBBER-----	1,888	-----	27	-----	-----	-----	1,861	-----

## PORT OF BATON ROUGE, LA.--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2831 DRUGS-----	6		6					
2841 SOAP-----	5		5					
2851 PAINTS-----	267	266	1					
2861 GUM AND WOOD CHEMICALS-----	104		104					
2871 NITROGENOUS CHEM FERTILIZERS-----	2,685,419	44,554	1,535,540		94,172	143,968	774,997	92,188
2872 POTASSIC CHEM FERTILIZERS-----	14,815					14,815		
2873 PHOSPHATIC CHEM FERTILIZERS-----	239,815		14,867				224,948	
2876 INSECTICIDES, DISINFECTANTS-----	1,192	1,162	30					
2879 FERTILIZER AND MATERIALS, NEC-----	1,513,022		1,064,507		63,541	94,094	282,005	8,875
2891 MISCELLANEOUS CHEMICAL PROD-----	47,670	13,389	2,866			7,301	24,194	
2911 GASOLINE-----	4,431,974	88,036	7,659	177,698	999,321	578,770	2,542,790	39,764
2912 JET FUEL-----	764,654				217,115	61,562	485,977	
2913 KEROSENE-----	122,327				75,710	31,950	14,667	
2914 DISTILLATE FUEL OIL-----	4,465,945			308,201	2,392,244	387,457	1,340,867	37,176
2915 RESIDUAL FUEL OIL-----	6,494,535			444,151	2,070,668	1,931,493	1,937,656	110,567
2916 LUBRICATING OILS AND GREASES-----	1,222,912		621,459	971	253,910	124,675	217,712	4,185
2917 NAPHTHA, PETROLEUM SOLVENTS-----	612,889			29,148	191,233	272,076	108,928	11,504
2918 ASPHALT, TAR, AND PITCHES-----	376,154	40			40,943	68,978	258,367	8,726
2920 COKE, PETROLEUM COKE-----	2,037,047	267,184	576,237			480,510	337,426	275,740
2921 LIQUEFIED GASES-----	15,691				1,413		14,278	
2991 PETROLEUM AND COAL PROD, NEC-----	471,732		49		411,636	10,914	47,582	1,551
3011 RUBBER AND MISC PLASTIC PROD-----	123		123					
3111 LEATHER AND LEATHER PRODUCTS-----	3	2	1					
3211 GLASS AND GLASS PRODUCTS-----	4,952	4,951	1					
3241 BUILDING CEMENT-----	144,314					144,314		
3251 STRUCTURAL CLAY PRODUCTS-----	2,904		14			2,890		
3281 CUT STONE AND STONE PRODUCTS-----	20	20						
3291 MISC NONMETALLIC MINERAL PROD-----	2,445	2	15			1,500	928	
3312 SLAG-----	22,267					1,400	20,867	
3314 IRON AND STEEL PRIMARY FORMS-----	9,029	1,378				2,757	4,894	
3315 IRON, STEEL SHAPES, EXC SHEET-----	8,534		11			8,523		
3316 IRON AND STEEL PLATES, SHEETS-----	20,865		2,549			17,362	954	
3317 IRON AND STEEL PIPE AND TUBE-----	9,923		1			2,657	7,265	
3318 FERROALLOYS-----	726,868	389,132	37,476			3,891	375,177	1,192
3319 IRON AND STEEL PRODUCTS, NEC-----	50,113	40	27			49,027	1,019	
3322 COPPER ALLOYS, UNWORKED-----	1		1					
3323 LEAD AND ZINC, UNWORKED-----	49,733	13,680	22,047				14,086	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	13,235		9,740				3,495	
3411 FABRICATED METAL PRODUCTS-----	6,646	16	52			1,217	5,361	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,997	23	889			785	300	
3611 ELECTRICAL MACH AND EQUIP-----	1,132	55	1,077					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,814	4,777	37					
3731 SHIPS AND BOATS-----	273		273					
3791 MISC TRANSPORTATION EQUIPMENT-----	725		725					
3911 MISC MANUFACTURED PRODUCTS-----	9	6	3					
4011 IRON AND STEEL SCRAP-----	583,042		295,807			245,052	40,933	1,250
4012 NONFERROUS METAL SCRAP-----	25,001	7,463	16,442				1,096	
4022 TEXTILE WASTE, SCRAP, SWEEP-----	5		5					
4029 WASTE AND SCRAP, NEC-----	39,272						39,272	
4112 COMMODITIES, NEC-----	1,020	9	11				1,000	
4118 WATERWAY IMPROVEMENT MAT-----	344,134					268,734	53,400	22,000
4119 EMPTY CONTAINERS-----	45					45		

## NEW ORLEANS, LA., DISTRICT

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## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
AMITE RIVER AND BAYOU MANCHAC, LA.,-----	NO COMMERCE REPORTED			
BAYOU BONFOUCA, LA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	42		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,287		
	0931 MARINE SHELLS, UNMANUFACTURED-----	53,800		
	1451 CLAY-----	22,150		
	2819 BASIC CHEMICALS AND PROD, NEC-----	1,434		
	2914 DISTILLATE FUEL OIL-----	77		
	3241 BUILDING CEMENT-----	33		
	TOTAL-----	78,823	789,407	
BAYOU DUPRE, LA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	5		
	0912 SHELLFISH, EXCEPT PREPARED-----	676		
	2911 GASOLINE-----	1,693		
	2921 LIQUEFIED GASES-----	41,748		
	3291 MISC NONMETALLIC MINERAL PROD-----	9,222		
	4111 WATER-----	29		
	TOTAL-----	53,371	103,031	
BAYOU GROSSE TETE, LA.,-----	NO COMMERCE REPORTED			
BAYOU LACOMBE, LA.,-----	3241 BUILDING CEMENT-----	514	3,598	
BAYOU PLAQUEMINE BRULE, LA.,-----	NO COMMERCE REPORTED			
BAYOU SEGNETTE WATERWAY, LA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	11		
	0912 SHELLFISH, EXCEPT PREPARED-----	430		
	2914 DISTILLATE FUEL OIL-----	70		
	3241 BUILDING CEMENT-----	60		
	TOTAL-----	571	7,512	
BAYOUS LA LOUTRE, ST. MALO, AND VSCLOSKEY, LA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	24		
	0912 SHELLFISH, EXCEPT PREPARED-----	6,090		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	15		
	1451 CLAY-----	1,632		
	2819 BASIC CHEMICALS AND PROD, NEC-----	303		
	2914 DISTILLATE FUEL OIL-----	735		
	3241 BUILDING CEMENT-----	357		
	3317 IRON AND STEEL PIPE AND TUBE-----	735		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	5		
	3911 MISC MANUFACTURED PRODUCTS-----	20		
	4111 WATER-----	700		
	TOTAL-----	10,816	42,474	
BIG PIGEON AND LITTLE PIGEON BAYOUS, LA.,-----	1311 CRUDE PETROLEUM-----	102,056		
	2914 DISTILLATE FUEL OIL-----	678		
	3241 BUILDING CEMENT-----	301		
	TOTAL-----	103,035	825,348	
CHEFUNCTE AND BOGUE FALIA RIVERS, LA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,334		
	0931 MARINE SHELLS, UNMANUFACTURED-----	19,000		
	3314 IRON AND STEEL PRIMARY FORMS-----	4,492		
	3316 IRON AND STEEL PLATES, SHEETS-----	47,163		
	3411 FABRICATED METAL PRODUCTS-----	661		
	TOTAL-----	72,560	247,026	
CYPRESS BAYOU AND WATERWAY BETWEEN JEFFERSON, TEX., AND SHREVEPORT, LA.,-----	NO COMMERCE REPORTED			
FRANKLIN CANAL, LA. (GULF INTRACOASTAL WATERWAY)-----	2061 SUGAR-----	29,115		
	2162 MOLASSES-----	4,651		
	2914 DISTILLATE FUEL OIL-----	141		
	TOTAL-----	33,907	203,442	
FRESHWATER BAYOU, LA.,-----	0931 MARINE SHELLS, UNMANUFACTURED-----	9,000		
	1311 CRUDE PETROLEUM-----	92,894		
	2914 DISTILLATE FUEL OIL-----	252		
	3911 MISC MANUFACTURED PRODUCTS-----	1,400		
	TOTAL-----	103,696	1,681,780	
TICKFAM, NATALBANY, PONCHATOULA, AND BLOOD RIVERS, LA.,-----	NO COMMERCE REPORTED			
VINTON WATERWAY, LA.,-----	NO COMMERCE REPORTED			
NONPROJECT				
LAKE MAUREPAS, LA.,-----	0931 MARINE SHELLS, UNMANUFACTURED-----	475,600		
	3241 BUILDING CEMENT-----	413		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	170		
	TOTAL-----	476,113	1,332,791	
LAKE PONTCHARTRAIN, LA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	42		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,844		
	0931 MARINE SHELLS, UNMANUFACTURED-----	3,553,600		
	1311 CRUDE PETROLEUM-----	52,196		
	1442 SAND, GRAVEL, CRUSHED ROCK-----	6,241		
	1451 CLAY-----	22,490		
	2414 TIMBER, POSTS, POLES, PILING-----	500		

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
NONPROJECT--CONTINUED				
LAKE PONTCHARTRAIN, LA. (CONTINUED)-----	2813 ALCOHOLS-----	50	-----	-----
	2819 BASIC CHEMICALS AND PROD, NEC-----	1,449	-----	-----
	2914 DISTILLATE FUEL OIL-----	2,466	-----	-----
	3241 BUILDING CEMENT-----	31,493	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	79,210	-----	-----
	3314 IRON AND STEEL PRIMARY FORMS-----	4,402	-----	-----
	3315 IRON, STEEL SHAPES, EXC SHEET-----	250	-----	-----
	3316 IRON AND STEEL PLATES, SHEETS-----	45,763	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	70	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	731	-----	-----
	3911 MACHINERY, EXCEPT ELECTRICAL-----	180	-----	-----
	4111 WATER-----	5	-----	-----
	4118 WATERWAY IMPROVEMENT MAT-----	27,700	-----	-----
	TOTAL-----	3,831,892	80,469,732	-----

# GALVESTON, TEX., DISTRICT

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## JOHNSONS BAYOU, LA.

SECTION INCLUDED: 2,300 FEET THROUGH THE BAR AT THE MOUTH OF THE BAYOU TO BLUE JACK RIDGE, ABOUT 5.5 MILES. CONTROLLING DEPTH: 8 FEET. PROJECT DEPTH: 6 FEET.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	314,944	1976-----	598,617
1972-----	286,133	1977-----	732,965
1973-----	244,499	1978-----	426,386
1974-----	239,371	1979-----	487,693
1975-----	351,007	1980-----	568,057

### FREIGHT TRAFFIC, 1980

#### DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	568,057	13,767	554,290
0931 MARINE SHELLS, UNMANUFACTURED-----	13,767	13,767	-----
1311 CRUDE PETROLEUM-----	553,710	-----	553,710
2041 WHEAT FLOUR AND SEMOLINA-----	320	-----	320
2421 LUMBER-----	260	-----	260
TOTAL TON-MILES, 2,368,597.			

## SABINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE, PORT ARTHUR, AND SABINE PASS HARBOR, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT WEST PORT ARTHUR, BEAUMONT, AND ORANGE, TEX., ABOUT 82 MILES; ADAMS BAYOU CHANNEL, ABOUT 2 MILES; AND COX BAYOU CHANNEL, ABOUT 7 MILES. CONTROLLING DEPTH: SABINE PASS HARBOR, TEX., 42 FEET; PORT ARTHUR, TEX., 39 FEET; BEAUMONT, TEX., 40 FEET; EXTENSION TO BETHLEHEM STEEL SHIPYARD, 33 FEET; ORANGE, TEX., 30 FEET EXCEPT CHANNEL AROUND HARBOR ISLAND, 20 FEET; ADAMS BAYOU CHANNEL, 10 FEET; AND COX BAYOU CHANNEL, 9 FEET. PROJECT DEPTH: SABINE PASS HARBOR, TEX., 40 FEET; PORT ARTHUR, TEX., 40 FEET; BEAUMONT, TEX., 40 FEET EXCEPT TURNING BASIN, 34 FEET, AND EXTENSION TO BETHLEHEM STEEL SHIPYARD, 30 FEET; ORANGE, TEX., 30 FEET EXCEPT CHANNEL AROUND HARBOR ISLAND, 25 FEET, ADAMS BAYOU, 12 FEET, AND COX BAYOU, 13 FEET, MEAN LOW TIDE.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	82,576,949	113	1976-----	100,852,284	4
1972-----	81,989,291	116	1977-----	108,467,964	-----
1973-----	84,707,017	40	1978-----	113,514,402	14
1974-----	86,589,660	9	1979-----	119,023,508	-----
1975-----	79,296,056	-----	1980-----	108,123,592	-----

## CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE SABINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE, PORT ARTHUR, AND SABINE PASS HARBOR, TEX.)

### FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL	THROUGH
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
TOTAL-----	108,123,592	39,307,144	6,148,900	3,868,269	15,446,551	8,500,297	8,575,271	1,820,777	24,462,783
0101 COTTON, RAW-----	1,963		442						1,521
0133 CORN-----	160,915		150,931						9,984
0104 OATS-----	14,877		18,977						
0105 RICE-----	125,363		98,927			7,940			24,516
0106 SORGHUM GRAINS-----	3,442								3,482
0107 WHEAT-----	1,591,989		1,473,265						18,724
0111 SOYBEANS-----	632,035		419,722						12,333
0119 OILSEEDS, NEC-----	5,162		220						4,942
0122 HAY AND FODDER-----	1,431								1,431
0133 COFFEE-----	1,112	129				741			262
0141 FRESH AND FROZEN VEGETABLES-----	6,400		6,100						
0161 ANIMALS AND PRODUCTS, NEC-----	10,384					17,363			
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,559	1,293							226
0861 FOREST PRODUCTS, NEC-----	5,622	5,551	71						
0931 MARINE SHELLS, UNMANUFACTURED-----	1,243,235					982,543	112,760	2,545	162,387
1011 IRON ORE AND CONCENTRATES-----	13,121		95				6,722		11,711
1051 ALUMINUM ORES, CONCENTRATES-----	57,631								57,631
1061 MANGANESE ORES, CONCENTRATES-----	21,595								20,595
1071 NONFERROUS ORES, CONCENT, NEC-----	38,264								38,264
1121 COAL AND LIGNITE-----	54,044					52,548			1,496
1311 CRUDE PETROLEUM-----	47,742,754	38,798,596		2,439,110	667,996	3,328,052	664,508	1,004,004	2,947,774
1411 LIMESTONE-----	11,653					25,865			5,783
1442 SAND, GRAVEL, CRUSHED ROCK-----	48,684					46,810			41,474
1451 CLAY-----	97,547		5,152			24,343	16,730		46,714
1492 SULPHUR, DRY-----	357,318		358,318						
1493 SULPHUR, LIQUID-----	1,447,746				1,351,799	125,601	103,701		107,145



SABINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE,  
PORT ARTHUR, AND SABINE PASS HARBOR, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL	THROUGH
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
1499 NONMETALLIC MINERALS, NEC	236,285		2,573			55,121			178,591
2014 YALLOW, ANIMAL FATS AND OILS	2,721								2,721
2034 VEGETABLES AND PREP, NEC	5,269						5,269		
2139 PREP FRUIT AND VEG JUICE, NEC	1,843	1	22						1,820
2041 WHEAT FLOUR AND SEMOLINA	199,191		172,031				24,042		2,118
2042 PREPARED ANIMAL FEEDS	122,813	20,908	41,636			2,403	4,751		53,115
2149 GRAIN MILL PRODUCTS, NEC	23,692		7,210						16,482
2002 MOLASSES	39,415	10,656				4,168	2,482		22,109
2031 ALCOHOLIC BEVERAGES	2		2						
2091 VEGETABLE OILS, MARG, SHORT	17,409								17,409
2099 MISCELLANEOUS FOOD PRODUCTS	4,955		1			3,373	369		1,212
2211 BASIC TEXTILE PRODUCTS	1,193	22			3				1,168
2212 TEXTILE FIBERS, NEC	2,813						295		2,518
2311 APPAREL	37								37
2411 LOGS	1,902		1,902						
2414 TIMBER, POSTS, POLES, PILING	2,322				235	544			1,543
2421 LUMBER	6,037	3,542	537		516		1,472		
2431 VENEER, PLYWOOD, WORKED WOOD	14,596	35	2,908		11,653				
2491 WOOD MANUFACT. RES, NEC	84,020		81,584		1,418	500	500		18
2511 FURNITURE AND FIXTURES	13	6	3		4				
2611 PULP	9,607		8,396						1,211
2621 STANDARD NEWSPRINT PAPER	5,961								5,961
2631 PAPER AND PAPERBOARD	70,245		60,054		1,025		765		8,401
2691 PULP AND PAPER PRODUCTS, NEC	1,854				41				1,813
2711 PRINTED MATTER	4		4						
2810 SODIUM HYDROXIDE	867,994					75,241			592,753
2811 CRUDE TAR, OIL, GAS PRODUCTS	441,121					16,450			405,275
2813 ALCOHOLS	1,221,948		22	3,352	230,567		14,984	4,412	557,466
2817 BENZINE AND TOLUENE	1,127,150				18,014	161,794	304,513	119,672	570,946
2818 SULPHURIC ACID	70,038					1,507	313,549	62,853	56,573
2819 BASIC CHEMICALS AND PROD, NEC	6,038,530	73,785	504,025	46,951	90,984	204,763	422,703	10,459	4,684,840
2821 PLASTIC MATERIALS	119,918		39,603		28		3,641		66,646
2822 SYNTHETIC RUBBER	27,217		12,649			1,830	99		12,639
2831 DRUGS	20		20						
2841 SOAP	2,528		2,528						
2851 PAINTS	403	397	5		1				
2861 GUM AND WOOD CHEMICALS	1,344		17						1,327
2871 NITROGENOUS CHEM FERTILIZERS	340,043						4,078		355,965
2872 POTASSIC CHEM FERTILIZERS	293,913						5,965		287,948
2873 PHOSPHATIC CHEM FERTILIZERS	46,032								46,032
2876 INSECTICIDES, DISINFECTANTS	110								110
2879 FERTILIZER AND MATERIALS, NEC	200,861								200,861
2891 MISCELLANEOUS CHEMICAL PROD	45,541	136			11	14,910	7,135	2,756	33,413
2911 GASOLINE	6,652,904		31,192	207,523	5,030,357	694,945	898,004	20,190	1,770,693
2912 JET FUEL	2,012,161			16,942	1,574,223	48,236	29,737	10,110	332,913
2913 KEROSENE	496,381				105,747	8,593	188,351	2,632	191,058
2914 DISTILLATE FUEL OIL	5,746,983			385,875	2,400,953	667,935	854,119	61,044	1,417,057
2915 RESIDUAL FUEL OIL	11,426,420	34,339		514,999	2,724,032	1,028,981	2,710,891	480,861	3,932,317
2916 LUBRICATING OILS AND GREASES	2,457,995	200,529	503,362	120,306	606,714	108,887	340,219	6,148	571,830
2917 NAPHTHA, PETROLEUM SOLVENTS	2,454,095			105,852	335,316	262,240	262,240	18,913	1,447,878
2918 ASPHALT, TAR, AND BITUMENS	569,307		787		292,457		98,439	7,164	170,460
2920 COKE, PETROLEUM COKE	2,545,944	123,004	1,453,152				754,436		55,352
2921 LIQUEFIED GASES	130,300					23,324	14,319		92,657
2951 ASPHALT BUILDING MATERIALS	2,533		2,533						
2991 PETROLEUM AND COAL PROD, NEC	182,503		1,967	26,449	17	29,852	37,009		87,169
3011 RUBBER AND MISC PLASTIC PROD	3,390		3,385		5				
3111 LEATHER AND LEATHER PRODUCTS	5	4	1						
3211 GLASS AND GLASS PRODUCTS	1,563		6						1,557
3241 BUILDING CEMENT	25,869	30,313				13,162	56,926		152,468
3251 STRUCTURAL CLAY PRODUCTS	6,367		10						6,357
3271 LIME	4,250								4,250
3291 MISC NONMETALLIC MINERAL PROD	391		391						
3311 PIG IRON	2,988								2,988
3312 SLAG	9,081					9,081			
3314 IRON AND STEEL, PRIMARY FORMS	206,346		217		37	2,971			203,121
3315 IRON, STEEL SHAPES, EXC SHEET	194,204	146	34,245		24	7,201	20,641		91,951
3316 IRON AND STEEL PLATES, SHEETS	593,755		645		20	30,407	3,281		559,402
3317 IRON AND STEEL PIPE AND TUBE	431,497	595	3,003		96	2,387	8,010		417,406
3318 FERR ALLOYS	40,932		387						40,545
3319 IRON AND STEEL PRODUCTS, NEC	315,409		8,609		2	14,544	35,967		256,087
3321 NONFERROUS METALS, NEC	1,527		127		1				1,399
3322 COPPER ALLOYS, UNWORKED	1,103								1,103
3323 LEAD AND ZINC, UNWORKED	5,552								5,552
3324 ALUMINUM AND ALLOYS, UNWORKED	12,493		212						12,281
3411 FABRICATED METAL PRODUCTS	21,265	2	1,046		173	1,186	6,687		12,171
3511 MACHINERY, EXCEPT ELECTRICAL	22,725	222	8,779		690	682	2,704		9,648
3611 ELECTRICAL MACH AND EQUIP	4,241	4	1,264	850	178	300			1,647
3711 MOTOR VEHICLES, PARTS, EQUIP	6,174		231		1	880	1,089		3,927
3731 SHIPS AND BOATS	5,868		4,908		12				948
3791 MISC TRANSPORTATION EQUIPMENT	524		403		1	124			
3811 INSTR, TIME, PHOTO, OPT GOODS	152	1	151						
3911 MISC MANUFACT. PROD PRODUCTS	37,379		1			53	24,014		13,311
4011 IRON AND STEEL SCRAP	1,190,002					358,099	4,487	1,250	786,166
4012 NONFERROUS METAL SCRAP	435								435
4020 WASTE AND SCRAP, NEC	252,771					6,671	91,587		154,513
4111 WATER	93,083						93,083		
4112 COMMUNITIES, NEC	52,271	2,937	4			3,522	8,240	864	36,703
4118 WATERWAY IMPROVEMENT MAT	5,900								5,900
4119 EMPTY CONTAINERS	813					342			421
TOTAL TON-MILES, 1,134,504,617									

## GALVESTON, TEX., DISTRICT

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SUMMARY OF TRAFFIC, SABINE-NECHES WATERWAY, TEX. (BEAUMONT, ORANGE, PORT ARTHUR, AND SABINE PASS HARBOR, TEX.)  
(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC						LOCAL	*THROUGH TRAFFIC
		IMPORTS	EXPORTS	COASTWISE		INTERNAL					
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS				
BEAUMONT, TEX.-----	52,266,728	25,619,307	3,195,767	2,859,447	8,698,249	6,281,438	4,472,342	1,134,146	-----		
ORANGE, TEX.-----	947,157	-----	56,819	-----	-----	381,602	128,736	-----	-----		
PORT ARTHUR, TEX.-----	29,796,633	13,687,837	2,895,914	1,121,523	6,609,651	1,554,421	3,910,189	17,098	-----		
SABINE PASS HARBOR, TEX.-----	942,404	-----	-----	37,524	282,916	190,360	433,345	5,259	-----		
SABINE-NECHES WATERWAY-----	25,213,944	-----	-----	-----	-----	606,493	144,668	-----	24,462,783		
TOTAL-----	104,787,866	39,307,144	6,148,500	4,018,534	15,590,816	9,014,306	9,089,280	1,156,503	24,462,783		
ADJUSTMENT FOR LOCAL TRAFFIC**-----	-514,009	-----	-----	-----	-----	-514,009	-514,009	+514,009	-----		
GRAND TOTAL ALL TRAFFIC-----	104,273,857	39,307,144	6,148,500	4,018,534	15,590,816	8,500,297	8,575,271	1,670,512	24,462,783		
TOTAL TONNAGE THROUGH JETTIES AT SABINE PASS, TEX.-----	65,203,248	-----	-----	-----	-----	-----	-----	-----	-----		

\* INTERNAL TRAFFIC MOVED TO AND FROM POINTS EAST OF LOUISIANA-TEXAS BOUNDARY TO POINTS WEST OF THE SABINE-NECHES WATERWAY.  
 \*\* INTERNAL TRAFFIC MOVED BETWEEN THE SEVERAL PORTS LOCATED ON THE SABINE-NECHES WATERWAY, WHILE TREATED AS RECEIPTS AND SHIPMENTS AT THE SEPARATE PORTS, IS CLASSIFIED AS LOCAL IN THE CONSOLIDATED STATEMENT.

## ORANGE, TEX. (SABINE RIVER) (PART OF WATERWAY)

SECTION INCLUDED: MOUTH, NECHES RIVER TO MOUTH, SABINE RIVER, THENCE UPSTREAM TO OLD U. S. HIGHWAY 99, ABOUT 16 MILES; ADAMS BAYOU, 1.63 MILE; COM BAYOU, 7.13 MILES. CONTROLLING DEPTH: 31 FEET EXCEPT CHANNEL AROUND ORANGE HARBOR ISLAND, 20 FEET; ADAMS BAYOU, 10 FEET; COM BAYOU, 9 FEET. PROJECT DEPTH: 30 FEET TO OLD U. S. HIGHWAY 99; 25 FEET AROUND HARBOR ISLAND; ADAMS BAYOU, 12 FEET; COM BAYOU, 13 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	1,483,455	1976-----	981,626
1972-----	1,485,565	1977-----	1,003,331
1973-----	1,280,338	1978-----	513,009
1974-----	1,331,360	1979-----	631,694
1975-----	912,014	1980-----	567,157

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	567,157	56,819	381,602	128,736
0105 RICE-----	37,001	29,061	7,940	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	7,049	-----	7,049	-----
1121 COAL AND LIGNITE-----	52,548	-----	52,548	-----
1311 CRUDE PETROLEUM-----	40,289	-----	5,975	34,314
1411 LIMESTONE-----	6,121	-----	6,121	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	18,968	-----	18,968	-----
1451 CLAY-----	12,617	-----	12,617	-----
1499 NONMETALLIC MINERALS, NEC-----	55,121	-----	55,121	-----
2041 WHEAT FLOUR AND SEMOLINA-----	31,718	25,689	-----	6,029
2049 GRAIN MILL PRODUCTS, NEC-----	111	111	-----	-----
2813 ALCOHOLS-----	91,179	-----	91,179	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	28,139	-----	22,539	3,600
2821 PLASTIC MATERIALS-----	1,958	1,958	-----	-----
2911 GASOLINE-----	4,670	-----	-----	4,670
2914 DISTILLATE FUEL OIL-----	2,659	-----	2,659	-----
2915 RESIDUAL FUEL OIL-----	68,348	-----	68,348	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	18,049	-----	5,234	12,815
2920 COKE, PETROLEUM COKE-----	5,899	-----	-----	5,899
3241 BUILDING CEMENT-----	59,038	-----	13,099	45,939
3312 SLAG-----	9,081	-----	9,081	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,996	-----	1,196	800
3316 IRON AND STEEL PLATES, SHEETS-----	2,000	-----	-----	2,000
3317 IRON AND STEEL PIPE AND TUBE-----	2,000	-----	-----	2,000
3319 IRON AND STEEL PRODUCTS, NEC-----	1,600	-----	-----	1,600
3411 FABRICATED METAL PRODUCTS-----	6,329	-----	1,829	5,500
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,520	-----	-----	2,520
3611 ELECTRICAL MACH AND EQUIP-----	300	-----	300	-----
4011 IRON AND STEEL SCRAP-----	1,250	-----	-----	1,250
4112 COMMODITIES, NEC-----	603	-----	603	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## BEAUMONT, TEX. (NECHES RIVER) (PART OF WATERWAY)

SECTION INCLUDED: MOUTH TO BETHLEHEM STEEL COMPANY, ABOUT 20 MILES. CONTROLLING DEPTH: 40 FEET MOUTH TO TURNING BASIN: 38 FEET IN BEAUMONT TURNING BASIN: 33 FEET, TO BETHLEHEM STEEL COMPANY. PROJECT DEPTH: 40 FEET TO BEAUMONT TURNING BASIN: 34 FEET IN TURNING BASIN: 30 FEET TO BETHLEHEM STEEL SHIPYARD, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	30,979,877	45	1976-----	43,939,873	3
1972-----	32,391,055	75	1977-----	48,918,843	15
1973-----	34,490,769	17	1978-----	52,770,274	2
1974-----	33,503,880	4	1979-----	58,136,896	-----
1975-----	30,582,512	-----	1980-----	52,260,728	-----

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS	
TOTAL-----	52,260,728	25,619,307	3,195,767	2,859,487	8,698,249	6,281,430	4,472,342	1,134,146
0101 COTTON, RAW-----	442	-----	442	-----	-----	-----	-----	-----
0103 CORN-----	150,931	-----	150,931	-----	-----	-----	-----	-----
0104 OATS-----	18,872	-----	18,872	-----	-----	-----	-----	-----
0105 RICE-----	23,909	-----	23,909	-----	-----	-----	-----	-----
0107 WHEAT-----	1,181,107	-----	1,181,107	-----	-----	-----	-----	-----
0111 SOYBEANS-----	619,722	-----	619,722	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC-----	220	-----	220	-----	-----	-----	-----	-----
0133 COFFEE-----	850	129	-----	-----	-----	721	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	6,400	-----	6,400	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	10,384	1	-----	-----	-----	10,383	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,283	1,283	-----	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	1,465	1,465	-----	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	364,043	-----	-----	-----	-----	364,043	-----	-----
1011 IRON ORE AND CONCENTRATES-----	6,322	-----	-----	-----	-----	-----	6,322	-----
1311 CRUDE PETROLEUM-----	32,003,676	25,320,303	-----	2,007,729	518,695	2,954,062	378,208	824,679
1411 LIMESTONE-----	17,541	-----	-----	-----	-----	17,541	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	27,842	-----	-----	-----	-----	27,842	-----	-----
1451 CLAY-----	11,828	-----	102	-----	-----	11,726	-----	-----
1492 SULPHUR, DRY-----	327,890	-----	327,890	-----	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	1,580,701	-----	-----	-----	1,351,999	125,601	103,101	-----
1499 NONMETALLIC MINERALS, NEC-----	222	-----	222	-----	-----	-----	-----	-----
2039 PREP. FRUIT AND VEG. JUICE, NEC-----	23	1	22	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	139,317	-----	139,317	-----	-----	-----	-----	-----
2042 PREPARED ANIMAL FEEDS-----	22,337	-----	19,357	-----	-----	-----	2,980	-----
2049 GRAIN MILL PRODUCTS, NEC-----	5,592	-----	5,592	-----	-----	-----	-----	-----
2062 MOLASSES-----	17,366	10,656	-----	-----	-----	4,168	2,482	-----
2081 ALCOHOLIC BEVERAGES-----	2	-----	2	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	1	-----	1	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	16	16	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	4,049	3,542	507	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	241	35	206	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	1,996	-----	1,996	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	3	-----	3	-----	-----	-----	-----	-----
2611 PULP-----	8,396	-----	8,396	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	18,199	-----	17,434	-----	-----	-----	765	-----
2810 SODIUM HYDROXIDE-----	62,555	-----	-----	-----	-----	62,555	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	33,184	-----	-----	-----	-----	16,450	12,322	4,412
2813 ALCOHOLS-----	643,905	-----	22	3,352	230,567	-----	385,773	24,191
2817 BENZENE AND TOLUENE-----	439,022	-----	-----	-----	6,774	141,068	238,051	53,129
2818 SULPHURIC ACID-----	13,465	-----	-----	-----	-----	1,507	11,958	-----
2819 BASIC CHEMICALS AND PROD., NEC-----	798,571	65,290	207,733	9,623	36,395	180,228	295,248	4,054
2821 PLASTIC MATERIALS-----	40,411	-----	37,639	-----	-----	-----	2,772	-----
2822 SYNTHETIC RUBBER-----	11,426	-----	11,327	-----	-----	-----	99	-----
2831 DRUGS-----	20	-----	20	-----	-----	-----	-----	-----
2841 SOAP-----	431	-----	431	-----	-----	-----	-----	-----
2891 PAINTS-----	402	397	5	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM. FERTILIZERS-----	4,078	-----	-----	-----	-----	-----	4,078	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	27,157	136	4,976	-----	-----	14,910	7,135	-----
2911 GASOLINE-----	3,741,435	-----	30,298	108,457	2,970,802	287,419	339,839	4,620
2912 JET FUEL-----	535,998	-----	-----	6,904	501,489	24,201	3,404	-----
2913 KEROSENE-----	116,712	-----	-----	-----	105,747	2,632	8,333	-----
2914 DISTILLATE FUEL OIL-----	2,530,077	-----	-----	329,848	1,210,941	381,084	566,707	41,517
2915 RESIDUAL FUEL OIL-----	3,781,511	33,284	-----	240,029	1,045,104	894,628	1,466,313	162,193
2916 LUBRICATING OILS AND GREASES-----	912,873	150,400	248,887	-----	98,347	81,891	231,963	3,046
2917 NAPHTHA, PETROLEUM SOLVENTS-----	876,846	-----	-----	54,348	335,286	273,533	208,498	5,181
2918 ASPHALT, TAP, AND BITUMES-----	383,282	-----	605	-----	286,111	-----	89,402	7,164
2920 COKE, PETROLEUM COKE-----	71,203	-----	71,203	-----	-----	-----	-----	-----
2921 LIQUEFIED GAS-----	37,643	-----	-----	-----	-----	23,324	14,319	-----
2921 ASPHALT, BUILDING MATERIALS-----	2,181	-----	2,181	-----	-----	-----	-----	-----
2971 PETROLEUM AND COAL PROD., NEC-----	14,903	-----	241	-----	-----	4,328	10,334	-----
3011 RUBBER AND MISCELLANEOUS PROD-----	952	-----	952	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	5	4	1	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	6	-----	6	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	30,313	30,313	-----	-----	-----	-----	-----	-----
3291 STRUCTURAL CLAY PRODUCTS-----	10	-----	10	-----	-----	-----	-----	-----
3291 MISC. NONMETALLIC MINERAL PROD-----	391	-----	391	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	217	-----	217	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, ETC. SHEET-----	58,137	146	34,245	-----	-----	3,905	19,841	-----
3316 IRON AND STEEL PLATES, SHEETS-----	19,728	-----	645	-----	-----	18,097	986	-----
3317 IRON AND STEEL PIPE AND TUBE-----	4,677	595	2,895	-----	-----	1,187	-----	-----
3318 FERR. ALLOYS-----	387	-----	387	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	43,176	-----	8,809	-----	-----	-----	34,367	-----
3321 NONFERROUS METALS, NEC-----	127	-----	127	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	212	-----	212	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	2,374	2	987	-----	-----	-----	1,387	-----

## GALVESTON, TEX., DISTRICT

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BEAUMONT, TEX. (NECHES RIVER) (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3511 MACHINERY, EXCEPT ELECTRICAL-----	6,205	6	5,649	-----	-----	550	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	2,110	-----	1,260	850	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	220	-----	220	-----	-----	-----	-----	-----
3991 MISC TRANSPORTATION EQUIPMENT-----	385	-----	385	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	151	-----	151	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	346,640	-----	-----	-----	-----	345,195	1,445	-----
4029 WASTE AND SCRAP, NEC-----	89,950	-----	-----	-----	-----	6,671	83,279	-----
4112 COMMODITIES, NEC-----	1,934	1,303	-----	-----	-----	-----	631	-----

PORT AUTHORITY, TEX. (PART OF WATERWAY)

SECTION INCLUDED: SABINE PASS HARBOR, TEX., TO NECHES RIVER, ABOUT 20 MILES, CONTROLLING DEPTH: 39 FEET, PROJECT DEPTH: 40 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	23,296,357	68	1976-----	30,687,203	1
1972-----	21,707,770	41	1977-----	30,753,732	50
1973-----	24,931,373	23	1978-----	33,474,523	-----
1974-----	27,799,593	5	1979-----	32,773,346	-----
1975-----	26,597,557	-----	1980-----	29,796,633	-----

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	29,796,633	13,687,837	2,895,914	1,121,523	6,609,651	1,554,421	3,910,189	17,098
0104 OATS-----	5	-----	5	-----	-----	-----	-----	-----
0105 RICE-----	35,937	-----	35,937	-----	-----	-----	-----	-----
0107 WHEAT-----	492,158	-----	492,158	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	4,157	4,086	71	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	4,500	-----	-----	-----	-----	4,500	-----	-----
1011 IRON ORE AND CONCENTRATES-----	95	-----	95	-----	-----	-----	-----	-----
1311 CRUDE PETROLEUM-----	14,372,825	13,478,293	-----	544,142	11,650	278,510	60,230	-----
1411 LIMESTONE-----	2,203	-----	-----	-----	-----	2,203	-----	-----
1451 CLAY-----	5,050	-----	5,050	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	30,428	-----	30,428	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	2,351	-----	2,351	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEEDLINA-----	7,788	-----	7,025	-----	-----	-----	763	-----
2042 PREPARED ANIMAL FEEDS-----	47,361	20,908	22,279	-----	-----	2,403	1,771	-----
2049 GRAIN MILL PRODUCTS, NEC-----	1,507	-----	1,507	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,742	-----	-----	-----	-----	3,373	369	-----
2211 BASIC TEXTILE PRODUCTS-----	9	6	-----	-----	3	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	295	-----	-----	-----	-----	-----	295	-----
2411 LOGS-----	1,902	-----	1,902	-----	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	779	-----	-----	-----	235	544	-----	-----
2421 LUMBER-----	1,948	-----	-----	-----	916	-----	1,472	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	14,355	-----	2,702	-----	11,653	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	81,026	-----	79,588	-----	1,418	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	10	6	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	43,645	-----	42,620	-----	1,025	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	41	-----	-----	-----	41	-----	-----	-----
2711 PRINTED MATTER-----	4	-----	4	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	12,686	-----	-----	-----	-----	12,686	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,662	-----	-----	-----	-----	-----	2,662	-----
2813 ALCOHOLS-----	24,221	-----	-----	-----	-----	10,000	14,221	-----
2817 BENZENE AND TOLUENE-----	122,616	-----	-----	-----	11,240	26,154	82,326	2,996
2819 BASIC CHEMICALS AND PROD, NEC-----	529,729	8,495	296,292	37,328	54,589	5,254	127,770	-----
2821 PLASTIC MATERIALS-----	466	-----	6	-----	28	-----	432	-----
2822 SYNTHETIC RUBBER-----	3,152	-----	1,322	-----	-----	1,830	-----	-----
2841 SOAP-----	2,097	-----	2,097	-----	-----	-----	-----	-----
2851 PAINTS-----	1	-----	-----	-----	1	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	17	-----	17	-----	-----	-----	-----	-----
2872 POTASSIC GWEN FERTILIZERS-----	5,965	-----	-----	-----	-----	-----	5,965	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	22,215	-----	22,214	-----	11	-----	-----	-----
2911 GASOLINE-----	3,150,133	-----	894	99,066	2,059,555	421,553	569,065	-----
2912 JET FUEL-----	1,153,360	-----	-----	10,030	1,072,734	34,145	36,443	-----
2913 KEROSENE-----	191,243	-----	-----	-----	-----	8,593	182,650	-----
2914 DISTILLATE FUEL OIL-----	1,806,461	-----	-----	56,027	1,190,012	269,032	284,430	6,960
2915 RESIDUAL FUEL OIL-----	3,925,200	1,555	-----	274,970	1,678,928	370,419	1,595,288	4,146
2916 LUBRICATING OILS AND GREASES-----	972,793	50,129	254,475	21,757	508,375	26,996	187,750	3,107
2917 NAPHTHA, PETROLEUM SOLVENTS-----	120,671	-----	-----	51,574	30	19,161	50,076	-----
2918 ASPHALT, TAR, AND BITUMENS-----	15,565	-----	132	-----	6,346	-----	9,037	-----
2920 COKE, PETROLEUM COKE-----	2,450,574	123,004	1,581,949	-----	-----	-----	745,621	-----
2951 ASPHALT BUILDING MATERIALS-----	352	-----	352	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	66,415	-----	1,726	20,400	-----	17,741	20,442	-----
3111 RUBBER AND MISC PLASTIC PROD-----	2,438	-----	2,433	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	3,028	-----	-----	-----	37	2,971	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,124	-----	-----	-----	24	2,100	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	12,025	-----	-----	-----	47	12,310	295	-----
3317 IRON AND STEEL PIPE AND TUBE-----	1,474	-----	108	-----	46	1,200	-----	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PORT ARTHUR, TEX. (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3319 IRON AND STEEL PRODUCTS, NEC-----	14,546	-----	-----	-----	2	14,544	-----	-----
3321 NONFERROUS METALS, NEC-----	1	-----	-----	-----	1	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	389	-----	59	-----	173	157	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,036	216	3,130	-----	690	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	186	4	4	-----	178	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,772	-----	11	-----	1	880	880	-----
3731 SHIPS AND BOATS-----	4,920	-----	4,908	-----	12	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	143	-----	18	-----	1	124	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	1	-----	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	1	-----	1	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	4,525	-----	-----	-----	-----	2,904	1,621	-----
4029 WASTE AND SCRAP, NEC-----	8,308	-----	-----	-----	-----	-----	8,308	-----
4112 COMMODITIES, NEC-----	3,080	1,634	4	-----	-----	1,442	-----	-----
4119 EMPTY CONTAINERS-----	392	-----	-----	-----	-----	392	-----	-----

SABINE PASS HARBOR, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO UPPER END OF SABINE PASS, ABOUT 27 MILES. CONTROLLING DEPTH: 41 FEET, PROJECT DEPTH: 40-42, FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	203,478	1976-----	677,425
1972-----	235,323	1977-----	882,692
1973-----	227,937	1978-----	531,491
1974-----	390,370	1979-----	867,813
1975-----	513,062	1980-----	949,404

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	949,404	37,524	282,916	190,360	433,345	5,259
0931 MARINE SHELLS, UNMANUFACTURED-----	27,000	-----	-----	27,000	-----	-----
1311 CRUDE PETROLEUM-----	666,618	37,524	282,916	120,962	222,713	2,503
1451 CLAY-----	16,030	-----	-----	-----	16,030	-----
2491 WOOD MANUFACTURES, NEC-----	1,000	-----	-----	500	500	-----
2813 ALCOHOLS-----	658	-----	-----	658	-----	-----
2817 BENZENE AND TOLUENE-----	1,400	-----	-----	1,400	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	3,983	-----	-----	1,493	2,490	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	2,756	-----	-----	-----	-----	2,756
2914 DISTILLATE FUEL OIL-----	41,016	-----	-----	25,467	15,549	-----
2915 RESIDUAL FUEL OIL-----	25,993	-----	-----	2,633	23,360	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,583	-----	-----	-----	4,583	-----
2991 PETROLEUM AND COAL PROD, NEC-----	14,016	-----	-----	7,783	6,233	-----
3241 BUILDING CEMENT-----	11,050	-----	-----	63	10,987	-----
3317 IRON AND STEEL PIPE AND TUBE-----	6,010	-----	-----	-----	6,010	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	191	-----	-----	7	184	-----
3911 MISC MANUFACTURED PRODUCTS-----	24,067	-----	-----	53	24,014	-----
4111 WATER-----	93,083	-----	-----	-----	93,083	-----
4112 COMMODITIES, NEC-----	9,950	-----	-----	2,341	7,609	-----

ANAHUAC CHANNEL, TEX.

SECTION INCLUDED: TRINITY BAY TO ANAHUAC, TEX., ABOUT 6 MILES; CONTROLLING DEPTH 05 FEET, PROJECT DEPTH 6 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	473,890	1976-----	344,014
1972-----	541,392	1977-----	424,147
1973-----	499,155	1978-----	342,464
1974-----	384,060	1979-----	328,605
1975-----	323,264	1980-----	271,734

## GALVESTON, TEX., DISTRICT

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AAAHUAC CHANNEL, TEX.--CONTINUED

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	THROUGH NORTHBOUND	SOUTHBOUND
TOTAL-----	271,734	41,665	22,598	207,471
0931 MARINE SHELLS, UNMANUFACTURED-----	41,665	41,665		
1493 SULPHUR, LIQUID-----	207,471			207,471
2879 FERTILIZER AND MATERIALS, NEC-----	22,598		22,598	
TOTAL TON-MILES, 1,358,670.				

CEDAR BAYOU, TEX.

SECTION INCLUDED: HOUSTON SHIP CHANNEL, TEX., TO LOCATION 13.5 MILES UPSTREAM; CONTROLLING DEPTH: 9 FEET TO MILE 3.5 AND 7 FEET TO MILE 13.5. PROJECT DEPTH: 10 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	310,484	1976-----	570,889
1972-----	405,789	1977-----	430,322
1973-----	620,239	1978-----	431,047
1974-----	920,728	1979-----	361,179
1975-----	815,963	1980-----	328,513

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	328,513	310,813	17,700
0931 MARINE SHELLS, UNMANUFACTURED-----	88,862	88,862	
1311 CRUDE PETROLEUM-----	2,298	2,298	
1442 SAND, GRAVEL, CRUSHED ROCK-----	212,384	212,384	
1451 CLAY-----	16,500		16,500
3317 IRON AND STEEL PIPE AND TUBE-----	1,200		1,200
3319 IRON AND STEEL PRODUCTS, NEC-----	908	908	
4011 IRON AND STEEL SCRAP-----	6,361	6,361	
TOTAL TON-MILES, 4,193,084.			

HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., TO HOUSTON TURNING BASIN, 5.2 MILES; LIGHT DRAFT EXTENSION, 5.2 MILES; TURKEY BEND CHANNEL, 0.8 MILES; GOOSE CREEK, 1.3 MILES; BARBOUR TERMINAL CHANNEL, 1.7 MILES; FIVE MILE CUT CHANNEL, 1.9 MILES; RAYPORT CHANNEL, 4.7 MILES AND GREENS BAYOU, 1.6 MILES. CONTROLLING DEPTH: 32 FEET TO SOUTHERN PACIFIC SLIP; 34 FEET THROUGH TURNING BASIN; LIGHT DRAFT EXTENSION, 08 FEET; TURKEY BEND CHANNEL, 7 FEET; BARBOUR TERMINAL CHANNEL, 16 FEET; FIVE MILE CUT, 4 FEET; AND GREENS BAYOU; 38 FEET TO MILE 0.34 AND 17 FEET TO MILE 1.6. PROJECT DEPTH: 40 FEET TO SOUTHERN PACIFIC SLIP; 36 FEET THROUGH TURNING BASIN; 10 FEET IN EXTENSION AND BRANCH; 16 FEET IN BARBOUR TERMINAL CHANNEL; 8 FEET IN FIVE MILE CUT CHANNEL; 10 FEET IN GOOSE CREEK AND RAYPORT CHANNELS; 36 FEET TO MILE 0.37 AND 15 FEET TO MILE 1.65 IN GREENS BAYOU, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	65,423,829	1,165	1976-----	89,897,598	1,677
1972-----	71,430,789	947	1977-----	104,291,267	640
1973-----	88,917,992	744	1978-----	111,938,099	305
1974-----	89,106,369	803	1979-----	117,550,908	
1975-----	83,674,039	629	1980-----	108,937,268	

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	108,937,268	31,100,262	22,403,201	8,873,198	13,462,652	14,677,447	11,388,929	6,831,999
0101 COTTON, RAW-----	204,094	329	203,765					
0102 BARLEY AND RYE-----	110		110					
0103 CORN-----	3,039,396	36	3,031,791			4,897	7,472	
0104 OATS-----	1,916,245		1,916,245					
0105 RICE-----	541,866		505,079	17	5,749	9,966	21,055	
0106 SORGHUM GRAINS-----	15,347					15,140	207	
0107 WHEAT-----	7,437,636	8	7,418,802		12		19,724	

HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0111 SOYBEANS--	136,807		133,687			220	2,900	
0119 OILSEEDS, NEC	13,540	601	12,487		21		431	
0121 TOBACCO, LEAF	42,160	37,574	4,586					
0129 FIELD CROPS, NEC	7,958	376	7,448	32	102			
0131 FRESH FRUITS AND TREE NUTS	13,776	1,643	11,911	23	199			
0133 COFFEE	82,774	72,230	2,306	4,344	2,911	262	721	
0134 COCOA BEANS--	147	68	79					
0141 FRESH AND FROZEN VEGETABLES	16,002	1,585	14,357		60			
0151 LIVE ANIMALS--	25		25					
0161 ANIMALS AND PRODUCTS, NEC	17,251	9,993	7,258					
0191 MISCELLANEOUS FARM PRODUCTS	1,154	553	601					
0841 CRUDE RUBBER AND ALLIED GUMS	11,550	5,730	4,782		812	226		
0861 FOREST PRODUCTS, NEC	17,248	11,299	5,805		144			
0911 FRESH FISH, EXCEPT SHELLFISH	1,338	652	686					
0912 SHELLFISH, EXCEPT PREPARED	1,584	204	1,380					
0931 MARINE SHELLS, UNMANUFACTURED	532,410					532,410		
1011 IRON ORE AND CONCENTRATES	1,081,028	1,066,834	971			5,069	8,154	
1021 COPPER ORE AND CONCENTRATES	111	10	101					
1051 ALUMINUM ORES, CONCENTRATES	20,948	9,468	8,559			2,921		
1061 MANGANESE ORES, CONCENTRATES	14,379					14,379		
1091 NONFERROUS ORES, CONCENT. NEC	16,930	1,323	13,714		26		988	
1121 COAL AND LIGNITE	7,778	356	3,109			1,496	2,777	
1311 CRUDE PETROLEUM	27,156,249	20,651,987		4,540,166	123,732	973,944	708,507	157,913
1411 LIMESTONE	703,196	177,949	6,185				30,244	488,818
1412 BUILDING STONE, UNWORKED	1,127		1,127					
1442 SAND, GRAVEL, CRUSHED ROCK	1,064,027	47	26,360			660,483		377,137
1451 CLAY	1,208,779	1,104,935	30,212			73,632		
1471 PHOSPHATE ROCK	853,255	17,922		835,333				
1492 SULPHUR, DRY	72,779		72,779					
1493 SULPHUR, LIQUID	346,361					195,226	149,938	1,197
1494 GYPSUM, CRUDE AND PLASTERS	130			111	19			
1499 NONMETALLIC MINERALS, NEC	147,738	33,682	55,443		80	3,072	55,221	
1911 ORDNANCE AND ACCESSORIES	4,800	154	4,646					
2011 MEAT, FRESH, CHILLED, FROZEN	37,186	480	36,629		77			
2012 MEAT AND PRODUCTS, NEC	12,935	12,004	322		609			
2014 TALLOW, ANIMAL FATS AND OILS	290,796		280,766	19		1,221	5,450	3,340
2015 ANIMAL BY-PRODUCTS, NEC	50,236	134	48,752	426	924			
2021 DAIRY PRODUCTS, NEC	463	457	6					
2022 DRIED MILK AND CREAM	1,888	566	1,094	228				
2031 FISH AND SHELLFISH, PREPARED	7,697	5,364	1,067	1,266				
2034 VEGETABLES AND PREP. NEC	27,958	17,462	9,714	95	607			
2039 PREP. FRUIT AND VEG JUICE, NEC	25,243	3,304	20,699	1,042	198			
2041 WHEAT FLOUR AND SEMOLINA	15,323		14,216		45	1,062		
2042 PREPARED ANIMAL FEEDS	71,914	184	30,296	1,496	466	13,701	25,771	
2049 GRAIN MILL PRODUCTS, NEC	26,681	1,728	10,494		1,051	6,203	7,205	
2061 SUGAR	118	89	29					
2062 MOLASSES	289,279	229,674		37,496		22,109		
2081 ALCOHOLIC BEVERAGES	89,928	77,533	3,825	8,475	95			
2091 VEGETABLE OILS, MARG. SHORT	283,527	5,754	266,651		113	7,857	2,652	500
2092 ANIMAL OILS AND FATS, NEC	1,016	907	129					
2094 GROCERIES--	90				90			
2099 MISCELLANEOUS FOOD PRODUCTS	62,771	23,851	31,066	2,234	5,099	521		
2111 TOBACCO MANUFACTURES	613	438	153		22			
2211 BASIC TEXTILE PRODUCTS	31,646	23,778	6,824		28	1,016		
2212 TEXTILE FIBERS, NEC	9,041		4,025	174		2,518	2,324	
2311 APPAREL	4,962	624	2,950	1,351		37		
2411 LOGS	970	60	885		29			
2413 FUEL WOOD, CHARCOAL, WASTES	1,184	67	1,117					
2414 TIMBER, POSTS, POLES, PILING	1,813	56	98		116	1,010	533	
2416 WOOD CHIPS, STAVES, WOODINGS	162		162					
2421 LUMBER	46,237	42,914	3,323					
2431 VENEER, PLYWOOD, WORKED WOOD	8,631	7,430	1,461					
2491 WOOD MANUFACTURES, NEC	19,974	10,396	9,492		86			
2511 FURNITURE AND FIXTURES	17,772	11,838	5,271	23	335		305	
2611 PULP	8,644	40	7,393				1,211	
2621 STANDARD NEWSPRINT PAPER	415				172		243	
2631 PAPER AND PAPERBOARD	82,668	48,134	34,476		21	237		
2691 PULP AND PAPER PRODS, NEC	6,802	508	4,070	94	1,816		364	
2711 PRINTED MATTER	4,239	2,067	1,843	223	106			
2810 SODIUM HYDROXIDE	824,609			4,033	314,847	135,537	308,659	61,533
2811 CRUDE TAP, OIL, GAS PRODUCTS	858,466	26,282	325,394		37,429	258,325	88,243	122,793
2812 DYES, PIGMENT, TANNING MATS	365		365					
2813 ALCOHOLS	1,172,809		11,941	27,087	204,229	416,903	302,797	129,857
2816 RADIOACTIVE MATERIALS, WASTES	561		561					
2817 BENZENE AND TOLUENE	1,654,812			88,231	43,006	312,100	747,299	464,096
2818 SULPHURIC ACID	786,962			2,599	4,222	160,851	541,137	78,153
2819 BASIC CHEMICALS AND PROD. NEC	7,114,175	661,445	2,416,904	140,553	466,524	1,002,634	2,111,918	274,067
2821 PLASTIC MATERIALS	873,677	24,684	807,443	348	9,653	29,508	3,041	
2822 SYNTHETIC RUBBER	137,395		125,520		106	1,497	10,272	
2823 SYNTHETIC (MAN-MADE) FIBERS	737	256	479	2				
2831 DRUGS	4,312	2,990	939	243	140			
2841 SOAP	21,425	1,613	18,461	1,185	166			
2851 PAINTS	31,122	19,950	10,957		215			
2861 GUM AND GUM CHEMICALS	21,812	214	3,044	17,20		1,327		
2871 NITROGENOUS CHEM. FERTILIZERS	291,074	509	203,033		10,356	64,612	12,564	
2872 POTASSIUM CHEM. FERTILIZERS	489,174		3,233		197,993		287,948	
2873 PHOSPHATIC CHEM. FERTILIZERS	1,146,984	17,793	1,114,851			14,392		
2874 INSECTICIDES, DISINFECTANTS	12,894	4,716	8,048		20		110	
2879 FERTILIZER AND MATERIALS, NEC	455,087	110	287,276			24,549	91,152	
2891 MISCELLANEOUS CHEMICAL PROD.	553,901	55,924	419,515	2,828	444	11,480	13,730	8,615
2911 GASOLINE	4,695,119	713,058	82,930	353,400	1,892,310	1,466,239	445,665	231,517
2912 KEROSENE	915,430			69,012	419,666	397,728	21,089	8,615
2913 DIESEL FUEL	523,257				191,854	183,854	96,444	51,705
2914 DISTILLATE FUEL OIL	5,411,864	478,644	656	1,542,522	1,498,764	1,420,168	204,770	566,342

## HOUSTON SHIP CHANNEL, TEX. (HOUSTON, TEX.)--CONTINUED

## FREIGHT TRAFFIC, 1988--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2915 RESIDUAL FUEL OIL-----	15,050,675	459,389	18,251	770,239	5,553,205	2,834,118	2,212,607	3,202,866
2916 LUBRICATING OILS AND GREASES-----	2,887,347	696,012	589,162	141,309	762,423	84,070	555,688	58,683
2917 NAPHTHA, PETROLEUM SOLVENTS-----	3,093,488	-----	-----	154,800	873,460	994,741	744,827	325,660
2918 ASPHALT, TAR, AND PITCHES-----	176,706	79	7,223	-----	120	64,103	78,521	26,660
2920 COKE, PETROLEUM COKE-----	181,319	1	69,308	-----	-----	112,010	-----	-----
2921 LIQUEFIED GASES-----	850,648	701,675	18,605	-----	25,818	8,360	95,306	884
2951 ASPHALT BUILDING MATERIALS-----	12,113	-----	11,944	-----	169	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	736,173	1,749	43,946	44,691	318,126	68,176	159,916	99,569
3011 RUBBER AND MISC PLASTIC PROD-----	69,996	28,137	40,537	234	1,088	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	5,378	3,197	2,010	200	11	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	34,211	9,027	18,877	1,838	2,912	1,557	-----	-----
3241 BUILDING CEMENT-----	338,231	176,852	5,681	-----	89	136,037	19,572	-----
3251 STRUCTURAL CLAY PRODUCTS-----	45,673	31,434	7,791	-----	91	6,357	-----	-----
3271 LIME-----	4,869	-----	619	-----	-----	4,250	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	12,385	11,799	586	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	25,864	8,996	15,652	194	1,022	-----	-----	-----
3311 PIG IRON-----	7,432	-----	-----	-----	-----	7,432	-----	-----
3312 SLAG-----	18	-----	-----	18	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	181,415	3,790	2,891	-----	-----	170,192	4,542	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,588,249	1,463,289	24,245	28	595	63,797	33,795	2,500
3316 IRON AND STEEL PLATES, SHEETS-----	628,145	18,194	14,413	-----	3,895	415,541	172,284	3,818
3317 IRON AND STEEL PIPE AND TUBE-----	2,409,593	1,779,543	226,675	-----	85	319,752	78,254	5,284
3318 FERROALLOYS-----	55,446	19,668	5,922	-----	-----	28,476	1,400	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	261,961	22,339	12,497	-----	10	159,499	67,656	-----
3321 NONFERROUS METALS, NEC-----	25,440	6,698	18,312	360	70	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	35,044	23,634	11,410	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	83,168	3,322	77,166	-----	-----	1,408	1,272	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	23,108	2,849	18,250	-----	40	-----	1,969	-----
3411 FABRICATED METAL PRODUCTS-----	315,032	129,156	165,637	610	3,678	13,560	2,279	112
3511 MACHINERY, EXCEPT ELECTRICAL-----	615,918	133,627	433,092	9,296	1,512	18,642	5,659	14,090
3611 ELECTRICAL MACH AND EQUIP-----	88,630	20,182	60,519	1,510	5,102	1,017	300	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	324,768	253,609	64,542	153	165	5,217	1,082	-----
3721 AIRCRAFT AND PARTS-----	2,623	1,372	1,251	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	11,704	1,392	10,007	2	5	100	158	40
3791 MISC TRANSPORTATION EQUIPMENT-----	91,776	79,412	12,334	30	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	10,832	1,092	9,663	57	20	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	33,678	5,347	7,112	320	924	2,182	10,344	7,449
4011 IRON AND STEEL SCRAP-----	755,355	111	78,820	19	-----	661,907	7,803	6,695
4012 NONFERROUS METAL SCRAP-----	40,878	1,005	38,669	749	20	-----	435	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	13,681	510	13,045	-----	126	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	22,828	-----	22,828	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	1,055,718	-----	-----	-----	-----	231,701	764,911	59,106
4112 COMMODITIES, NEC-----	548,029	37,997	34,375	22,623	391,379	9,866	30,789	1,000
4119 EMPTY CONTAINERS-----	421	-----	-----	-----	-----	311	110	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	2,070	-----	2,070	-----	-----	-----	-----	-----
TOTAL TON-MILES, 4,651,542,816.								

## TEXAS CITY CHANNEL, TEX. (TEXAS CITY, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., TO TURNING BASIN AT TEXAS CITY, TEX., ABOUT 7.6 MILES. CONT'G DEPTH: CHANNEL 37 FEET; TURNING BASIN, 40 FEET. PROJECT DEPTH: 40 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	17,952,004	1976-----	28,516,499
1972-----	20,355,038	1977-----	33,583,596
1973-----	19,959,038	1978-----	34,656,219
1974-----	20,151,777	1979-----	35,954,301
1975-----	23,863,770	1980-----	25,948,936

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	25,948,936	11,745,434	826,961	1,168,766	3,373,337	4,548,125	4,232,863	53,450
0131 COTTON, RAW-----	434		434					
0135 RICE-----	916		916					
0107 WHEAT-----	29,366		29,366					
1251 ALUMINUM ORES, CONCENTRATES-----	55		55					
1091 NONFERROUS ORES, CONCENT, NEC-----	613	555						
1311 CRUDE PETROLEUM-----	13,411,296	11,379,907		725,582	61,004	1,155,973	88,830	
1499 NONMETALLIC MINERALS, NEC-----	100					100		
2012 MEAT AND PRODUCTS, NEC-----	1		1					
2022 DRIED MILK AND CREAM-----	21		21					
2034 VEGETABLES AND PREP, NEC-----	42		42					
2042 PREPARED ANIMAL FEEDS-----	29		29					
2061 SUGAR-----	7,068	7,056	12					
2081 ALCOHOLIC BEVERAGES-----	3		3					
2091 VEGETABLE OILS, MARG, SHORT-----	5,500						5,500	
2111 TOBACCO MANUFACTURES-----	3		3					



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TEXAS CITY CHANNEL, TEX. (TEXAS CITY, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2212 TEXTILE FIBERS, NEC	17		17					
2413 FUEL WOOD, CHARCOAL, WASTES	67		67					
2511 FURNITURE AND FIXTURES	10		10					
2631 PAPER AND PAPERBOARD	29		29					
2810 SODIUM HYDROXIDE	106,435					101,388	5,050	
2811 CRUDE TAR, OIL, GAS PRODUCTS	262,236			40,257	13,078	164,656	41,485	2,760
2813 ALCOHOLS	829,289		2,142	62,047	272,651	197,700	333,349	1,400
2817 BENZENE AND TOLUENE	819,005			129,725	9,070	528,984	137,465	13,761
2818 SULPHURIC ACID	240,383					122,256	118,127	
2819 BASIC CHEMICALS AND PROD, NEC	4,022,793	305,627	774,133	176,022	703,634	1,041,658	994,352	27,367
2821 PLASTIC MATERIALS	59,384		125			24,796	34,483	
2822 SYNTHETIC RUBBER	404		404					
2841 SOAP	8,974	3,388	5,586					
2861 GUM AND WOOD CHEMICALS	811		811					
2879 FERTILIZER AND MATERIALS, NEC	1,191					1,191		
2891 MISCELLANEOUS CHEMICAL PROD	25,110	9,137	9,319			3,590	3,064	
2911 GASOLINE	2,598,157		1,770	35,133	1,634,810	193,730	729,914	2,800
2912 JET FUEL	23,083						23,083	
2913 KEROSENE	120,377					9,129	101,901	
2914 DISTILLATE FUEL OIL	1,164,848					417,049	483,580	1,358
2915 RESIDUAL FUEL OIL	1,544,775					244,149	895,365	
2916 LUBRICATING OILS AND GREASES	69,389	39,208				19,900	10,281	
2917 NAPHTHA, PETROLEUM SOLVENTS	530,578				8,102	272,338	246,134	4,004
2918 ASPHALT, TAR, AND PITCHES	15,079					8,943	6,136	
2921 LIQUEFIED GASES	173		173					
2951 ASPHALT BUILDING MATERIALS	20		20					
2991 PETROLEUM AND COAL PROD, NEC	49,628	495	1,102		661	32,586	14,784	
3011 RUBBER AND MISC PLASTIC PROD	4		4					
3324 ALUMINUM AND ALLOYS, UNWORKED	111		111					
3411 FABRICATED METAL PRODUCTS	78	1	7			70		
3511 MACHINERY, EXCEPT ELECTRICAL	89	1	88					
3611 ELECTRICAL MACH AND EQUIP	56	6	50					
3711 MOTOR VEHICLES, PARTS, EQUIP	11		11					
3791 MISC TRANSPORTATION EQUIPMENT	1		1					
4112 COMMODITIES, NEC	654	53	1			600		
TOTAL TON-MILES	220,565,954							

## GALVESTON HARBOR, TEX.

SECTION INCLUDED: GULF OF MEXICO TO GALVESTON CHANNEL, TEXAS CITY CHANNEL, AND HOUSTON SHIP CHANNEL, TEX.; ABOUT 14.5 MILES. CONTROLLING DEPTH: ENTRANCE CHANNEL, 40 FEET; OUTER BAR, 41 FEET; INNER BAR, 39 FEET; BOLIVAR ROADS CHANNEL, 40 FEET. PROJECT DEPTH: ENTRANCE AND OUTER BAR CHANNELS, 42 FEET; INNER BAR AND BOLIVAR ROADS CHANNELS, 40 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC  
(TRAFFIC IN TRANSIT)

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	52,941,700	1,422	1976	86,357,735	4,857
1972	54,566,980	1,198	1977	108,175,348	3,287
1973	74,075,134	1,028	1978	111,854,586	1,447
1974	74,891,712	6,097	1979	118,055,954	
1975	77,961,542	3,531	1980	101,987,400	

\* ALL FOREIGN AND COASTWISE COMMERCE SHOWN FOR GALVESTON CHANNEL, TEXAS CITY CHANNEL, AND HOUSTON SHIP CHANNEL PASS THROUGH THIS ENTRANCE.

## GALVESTON CHANNEL, TEX. (GALVESTON, TEX.)

SECTION INCLUDED: GALVESTON HARBOR, TEX., TO 57TH STREET, GALVESTON, TEX., ABOUT 5 MILES. CONTROLLING DEPTH: 31 FEET TO 43RD STREET. PROJECT DEPTH: 40 FEET, MEAN LOW TIDE, TO 43RD STREET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	FERRY PASSENGERS	YEAR	TONS	PASSENGERS	FERRY PASSENGERS
1971	3,952,969	257	4,385,059	1976	7,302,900	3,180	4,236,586
1972	4,273,647	251	4,621,438	1977	9,563,626	3,216	4,823,378
1973	6,861,741	284	4,549,620	1978	7,786,146	1,142	4,783,219
1974	7,171,226	2,294	4,613,072	1979	6,982,285		5,964,184
1975	5,971,180	2,902	5,326,920	1980	9,631,091		6,271,887

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		INTERNAL	LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS		
TOTAL	9,631,091	1,915,298	5,538,474	67,347	1,512,470	276,793	320,709
0101 COTTON, RAW	388,963		387,442				1,521

## GALVESTON, TEX., DISTRICT

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GALVESTON CHANNEL, TEX. (GALVESTON, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
0102 BARLEY AND RYE	1,084		1,084				
0103 CORN	597,669		597,669				561
0104 OATS	551,902		551,902				
0105 RICE	444,699		427,434			9,885	7,380
0107 WHEAT	2,144,652		2,144,652				
0119 OILSEEDS, NEC	2,716		2,716				
0121 TOBACCO, LEAF	4,621	4,157	464				
0129 FIELD CROPS, NEC	674	1	673				
0131 FRESH FRUITS AND TREE NUTS	275,207	270,991	4,216				
0133 COFFEE	669	592	77				
0141 FRESH AND FROZEN VEGETABLES	6,529	75	6,454				
0161 ANIMALS AND PRODUCTS, NEC	213	31	182				
0191 MISCELLANEOUS FARM PRODUCTS	144	8	136				
0841 CRUDE RUBBER AND ALLIED GUMS	8,784	8,784					
0861 FOREST PRODUCTS, NEC	981	717	264				
0912 SHELLFISH, EXCEPT PREPARED	8					8	
1011 IRON ORE AND CONCENTRATES	237,799	237,692	107				
1021 COPPER ORE AND CONCENTRATES	8,507		8,507				
1051 ALUMINUM ORES, CONCENTRATES	13,659	11,984	175				1,500
1091 NONFERROUS ORES, CONCENT, NEC	4,000	1,159	2,841				
1121 COAL AND LIGNITE	6,705		3,928			2,777	
1311 CRUDE PETROLEUM	760,393	669,931		36,105			34,357
1411 LIMESTONE	827		827				
1442 SAND, GRAVEL, CRUSHED ROCK	28,593		425			28,168	
1451 CLAY	161,608	148,624	6,508			2,941	3,535
1492 SULPHUR, DRY	890,509		890,509				
1493 SULPHUR, LIQUID	1,549,490			1,480,504			68,986
1499 NONMETALLIC MINERALS, NEC	3,694	92	3,477				125
1911 ORDNANCE AND ACCESSORIES	52	47	5				
2011 MEAT, FRESH, CHILLED, FROZEN	36	36					
2012 MEAT AND PRODUCTS, NEC	71	27	44				
2014 TALLOW, ANIMAL FATS AND OILS	185		185				
2015 ANIMAL BY-PRODUCTS, NEC	958		958				
2021 DAIRY PRODUCTS, NEC	534		534				
2022 DRIED MILK AND CREAM	167	13	154				
2031 FISH AND SHELLFISH, PREPARED	174	42	132				
2034 VEGETABLES AND PREP, NEC	8,801	688	2,844			5,269	
2039 PREP FRUIT AND VEG JUICE, NEC	1,045	391	654				
2041 WHEAT FLOUR AND SEMOLINA	110,012		87,422			21,534	1,056
2042 PREPARED ANIMAL FEEDS	31,035		19,607			11,428	
2049 GRAIN MILL PRODUCTS, NEC	483	55	428				
2061 SUGAR	366,314	341,828		24,486			
2091 ALCOHOLIC BEVERAGES	16,049	15,805	244				
2091 VEGETABLE OILS, MARG, SHORT	2,860	2,819	41				
2092 ANIMAL OILS AND FATS, NEC	446	646					
2095 ICE	90						90
2099 MISCELLANEOUS FOOD PRODUCTS	10,996	5,875	4,340			691	
2111 TOBACCO MANUFACTURES	1						
2211 BASIC TEXTILE PRODUCTS	2,084	1,067	865			152	
2212 TEXTILE FIBERS, NEC	6,798		4,474			2,324	
2311 APPAREL	154	48	106				
2411 LOGS	75		75				
2413 FUEL WOOD, CHARCOAL, WASTES	80		80				
2414 TIMBER, POSTS, POLES, PILING	4,705		4,705				
2421 LUMBER	2,435	2,302	133				
2431 VENEER, PLYWOOD, WORKED WOOD	75,562	75,546	16				
2471 WOOD MANUFACT, RES, NEC	6,875	3,038	3,819			18	
2511 FURNITURE AND FIXTURES	2,201	588	1,308			305	
2611 PULP	8		8				
2611 PAPER AND PAPERBOARD	16,949	1,453	10,122			5,374	
2691 PULP AND PAPER PRODUCTS, NEC	434	96	338				
2711 PRINTED MATTER	96	25	71				
2811 CRUDE TAR, OIL, GAS PRODUCTS	2		2				
2812 DYES, PIGMENT, TANNING MATS	11		11				
2813 ALCOHOLS	1,350					1,350	
2817 BENZENE AND TOLUENE	6,256			6,056			
2819 BASIC CHEMICALS AND PROD, NEC	42,937	2,157	36,814			451	3,515
2821 PLASTIC MATERIALS	77,246	2,188	72,200			2,858	
2822 SYNTHETIC RUBBER	7,812		7,153			654	
2823 SYNTHETIC (MAN-MADE) FIBERS	24		24				
2831 DRUGS	1,005	896	109				
2841 SOAP	2,552	1,660	892				
2851 PAINTS	2,151	1,099	1,052				
2861 GUM AND WOOD CHEMICALS	108	108					
2871 NITROGENOUS CHEM FERTILIZERS	16		16				
2871 PHOSPHATIC CHEM FERTILIZERS	97		97				
2873 INSECTICIDES, DISINFECTANTS							
2891 MISCELLANEOUS CHEMICAL PROD	1,161	698	701				
2911 GASOLINE	14,946	6,865	9,081				
2914 DISTILLATE FUEL OIL	44,548		147				
2915 RESIDUAL FUEL OIL	44,485		11			43,021	516
2916 LUBRICATING OILS AND GREASES	7,196		7,196		31,766	111,119	
2918 ASPHALT, TAP, AND BITUMENS	108		108				
2920 COKE, PETROLEUM COKE	32		32				
2921 LIQUEFIED GASES	39		39				
2951 ASPHALT PULVING MATERIALS	2,359		2,359				
2991 PETROLEUM AND COAL PROD, NEC	2,295	1,307	635			263	
3011 RUBBER AND MISC PLASTIC PROD	8,198	3,894	4,304				
3111 LEATHER AND LEATHER PRODUCTS	489	351	138				
3211 GLASS AND GLASS PRODUCTS	2,536	955	1,581				
3241 BUILDING CEMENT	1,559		1,559				524
3291 STRUCTURAL CLAY PRODUCTS	2,580	2,575	505				
3271 LIME	36		36				
3291 CUT STONE AND STONE PRODUCTS	1,074	1,059	15				

## GALVESTON CHANNEL, TEX. (GALVESTON, TEX.)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
3291 MISC NONMETALLIC MINERAL PROD-----	2,126	487	1,639				
3311 PIG IRON-----	4,712						4,712
3314 IRON AND STEEL PRIMARY FORMS-----	21,038	534	5				20,499
3315 IRON, STEEL SHAPES, EXC SHEET-----	29,707	19,207	2,720				7,780
3316 IRON AND STEEL PLATES, SHEETS-----	31,917	23	597				31,297
3317 IRON AND STEEL PIPE AND TUBE-----	82,666	14,594	34,315	700		12,696	20,381
3318 FERROALLOYS-----	2,289	2,284	5				
3319 IRON AND STEEL PRODUCTS, NEC-----	5,172	116	3,191				1,865
3321 NONFERROUS METALS, NEC-----	2,332	628	1,704				
3322 COPPER ALLOYS, UNWORKED-----	4,270	95	4,175				
3323 LEAD AND ZINC, UNWORKED-----	6,803		6,803				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	24,985	2	24,285			698	
3411 FABRICATED METAL PRODUCTS-----	25,456	2,686	19,002			30	3,738
3611 MACHINERY, EXCEPT ELECTRICAL-----	56,883	8,169	24,382		600	2,636	21,096
3611 ELECTRICAL, MACH AND EQUIP-----	14,743	1,803	12,510				430
3711 MOTOR VEHICLES, PARTS, EQUIP-----	8,201	3,737	2,098			809	1,557
3721 AIRCRAFT AND PARTS-----	118		118				
3731 SHIPS AND BOATS-----	1,093	1	1,092				
3791 MISC TRANSPORTATION EQUIPMENT-----	5,975	5,310	541				124
3811 INSTR, TIME, PHOTO, OPT GOODS-----	895	179	719				
3911 MISC MANUFACTURED PRODUCTS-----	13,256	571	1,689			1,423	9,573
4011 IRON AND STEEL SCRAP-----	4,019	23	3,996				
4012 NONFERROUS METAL SCRAP-----	1,836	252	1,584				
4022 TEXTILE WASTE, SCRAP, SKEEP-----	1,654	25	1,631				
4024 PAPER WASTE AND SCRAP-----	1,710		1,710				
4111 WATER-----	56,980						56,980
4112 COMMODITIES, NEC-----	79,948	1,911	56,075			5,051	16,911
9999 DEPARTMENT OF DEFENSE AND SCI-----	598		598				
TOTAL TON-MILES, 38,524,364.							

## CHOCOLATE BAYOU, TEX.

SECTION INCLUDED: GULF INTRACASTAL WATERWAY TO NEAR LIVERPOOL, TEX., ABOUT 13.4 MILES. CONTROLLING DEPTH: 14 FEET TO MILE 8.5. PROJECT DEPTH: 12 FEET TO MILE 8.2, THENCE 9 FEET MEAN LOW TIDE, TO MILE 13.2.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,331,381	1976-----	2,975,438
1972-----	2,568,244	1977-----	2,566,214
1973-----	2,679,357	1978-----	3,057,207
1974-----	2,876,18*	1979-----	3,040,894
1975-----	2,450,64	1980-----	2,934,850

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	UPBOUND
TOTAL-----	2,934,850	2,108,394	825,207	1,249
0931 MARINE SHELLS, UNMANUFACTURED-----	1,448	1,448		
1311 CRUDE PETROLEUM-----	1,248,794	1,198,422	50,372	
1442 SAND, GRAVEL, CRUSHED ROCK-----	86,947	86,947		
2810 SODIUM HYDROXIDE-----	58,714	58,714		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	191,190		189,941	1,249
2813 ALCOHOLS-----	29,877	27,815	2,062	
2817 BENZENE AND TOLUENE-----	151,489	80,768	70,721	
2818 SULPHURIC ACID-----	32,449	32,449		
2819 BASIC CHEMICALS AND PROD, NEC-----	280,883	22,567	258,316	
2821 PLASTIC MATERIALS-----	17,206		17,206	
2879 FERTILIZER AND MATERIALS, NEC-----	1,191		1,191	
2911 GASOLINE-----	33,901	6,737	27,164	
2913 KEROSENE-----	88,300	85,543	2,757	
2914 DISTILLATE FUEL OIL-----	269,310	264,632	4,678	
2915 RESIDUAL FUEL OIL-----	181,910	36,231	125,679	
2916 LUBRICATING OILS AND GREASES-----	74,936	72,828	2,108	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	77,308	62,101	15,207	
2918 ASPHALT, TAR, AND PITCHES-----	45,642		45,642	
2921 LIQUEFIED GASES-----	11,800	10,916	884	
2991 PETROLEUM AND COAL PROD, NEC-----	91,555	80,276	11,279	
TOTAL TON-MILES, 26,106,331.				

## GALVESTON, TEX., DISTRICT

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## SAN BERNARD RIVER, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO STATE HIGHWAY NO. 35, ABOUT 29.5 MILES, CONTROLLING DEPTH: LOWER 26 MILES, 8 FEET.  
PROJECT DEPTH: 9 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	399,828	1976-----	578,986
1972-----	376,232	1977-----	414,142
1973-----	361,325	1978-----	321,305
1974-----	506,177	1979-----	601,435
1975-----	536,503	1980-----	673,740

## FREIGHT TRAFFIC, 1980

## DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	673,740	122,034	551,706
0931 MARINE SHELLS, UNMANUFACTURED-----	118,873	118,873	-----
2817 BENZENE AND TOLUENE-----	8,465	-----	8,465
2911 GASOLINE-----	28,014	-----	28,014
2914 DISTILLATE FUEL OIL-----	4,496	-----	4,496
2915 RESIDUAL FUEL OIL-----	509,765	3,161	506,604
2991 PETROLEUM AND COAL PROD. NEC-----	2,750	-----	2,750
4029 WASTE AND SCRAP, NEC-----	1,377	-----	1,377
TOTAL TON-MILES, 16,447,383.			

## FREEPORT HARBOR, TEX. (FREEPORT, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO DIVERSION DAM AT FREEPORT, TEX., ON OLD BRAZOS RIVER, ABOUT 11 MILES; CONTROLLING DEPTH: BAR CHANNEL, 41 FEET; THROUGH UPPER TURNING BASIN, 38 FEET; THROUGH STAUFFER TURNING BASIN, 18 FEET; BRAZOS HARBOR CHANNEL AND TURNING BASIN, 30 FEET; PROJECT DEPTH: BAR CHANNEL, 38 FEET; THROUGH UPPER TURNING BASIN, 36 FEET; THROUGH STAUFFER TURNING BASIN, 30 FEET; BRAZOS HARBOR CHANNEL AND TURNING BASIN, 30 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	5,723,061	1976-----	9,710,609
1972-----	5,977,249	1977-----	15,332,518
1973-----	7,348,555	1978-----	21,712,480
1974-----	8,898,947	1979-----	19,983,837
1975-----	8,194,136	1980-----	20,131,067

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	20,131,067	13,221,545	1,298,930	1,904,461	1,074,363	1,288,076	1,540,933	2,759
0101 COTTON, RAW-----	176	-----	176	-----	-----	-----	-----	-----
0103 CORN-----	67,912	-----	67,912	-----	-----	-----	-----	-----
0104 OATS-----	11,756	-----	11,756	-----	-----	-----	-----	-----
0105 RICE-----	31,734	-----	31,734	-----	-----	-----	-----	-----
0107 WHEAT-----	768	-----	768	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	1,097	-----	1,097	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	59	59	-----	-----	-----	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	6,749	-----	-----	-----	-----	6,749	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	2,806	-----	-----	-----	-----	-----	2,806	-----
1091 NONFERROUS ORES, CONCENT., NEC-----	1,304	-----	-----	-----	-----	1,304	-----	-----
1311 CRUDE PETROLEUM-----	14,571,089	12,498,317	-----	1,738,302	-----	151,630	181,281	1,359
1442 SAND, GRAVEL, CRUSHED ROCK-----	323,284	-----	-----	-----	-----	323,284	-----	-----
1451 CLAY-----	19,934	-----	-----	-----	-----	2,924	17,010	-----
1499 NONMETALLIC MINERALS, NEC-----	11	-----	11	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	2,763	-----	2,763	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,779	-----	2,779	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	505	-----	505	-----	-----	-----	-----	-----
2421 LUMBER-----	290	290	-----	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	54	54	-----	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	539,774	-----	-----	-----	101,704	-----	438,070	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	4,292	-----	-----	-----	-----	3,354	938	-----
2813 ALCOHOLS-----	26,293	-----	-----	-----	250	15,555	9,488	-----
2817 BENZENE AND TOLUENE-----	422,774	-----	-----	34,304	-----	353,248	29,822	1,400
2818 SULPHURIC ACID-----	243,427	-----	-----	4,222	-----	239,205	-----	-----
2819 BASIC CHEMICALS AND PROD., NEC-----	2,572,914	293,148	1,129,444	111,737	512,237	109,104	417,224	-----
2821 PLASTIC MATERIALS-----	31,218	1,493	29,059	-----	-----	-----	556	-----
2822 SYNTHETIC RUBBER-----	250	-----	250	-----	-----	-----	-----	-----
2841 SOAP-----	1,017	-----	1,017	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	1,248	-----	1,248	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	26,947	6,283	931	-----	-----	2,104	17,649	-----
2911 GASOLINE-----	94,513	-----	-----	7,314	71,495	7,304	4,699	-----
2912 JET FUEL-----	24,135	-----	-----	-----	24,135	-----	-----	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

FREEPORT HARBOR, TEX. (FREEPORT, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
2913 KEROSENE-----	26,774	-----	-----	-----	16,141	-----	10,633	-----
2914 DISTILLATE FUEL OIL-----	122,800	-----	-----	-----	80,825	2,886	39,089	-----
2915 RESIDUAL FUEL OIL-----	430,600	-----	-----	3,892	219,050	39,360	168,298	-----
2916 LUBRICATING OILS AND GREASES-----	222,311	219,709	-----	-----	-----	1,323	1,279	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	72,393	-----	-----	-----	48,920	-----	23,867	-----
2918 ASPHALT, TAR, AND BITUMENS-----	748	-----	-----	-----	-----	748	-----	-----
2920 COKE, PETROLEUM COKE-----	4,425	-----	-----	-----	-----	-----	4,425	-----
2991 PETROLEUM AND COAL PROD., NEC-----	23,034	1,108	-----	-----	-----	21,926	-----	-----
3241 BUILDING CEMENT-----	11,930	-----	-----	-----	-----	-----	11,930	-----
3281 CUT STONE AND STONE PRODUCTS-----	20	20	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	36,844	78	-----	-----	-----	2,709	34,057	-----
3318 FERROALLOYS-----	3,840	-----	-----	-----	-----	-----	3,840	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,910	-----	-----	-----	-----	1,510	-----	-----
3321 NONFERROUS METALS, NEC-----	16,189	-----	14,700	-----	-----	-----	1,399	-----
3322 COPPER ALLOYS, UNWORKED-----	23	23	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,029	-----	2,029	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	10	10	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	764	100	545	-----	-----	119	-----	-----
3611 ELECTRICAL MACH. AND EQUIP-----	29	2	27	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	79	-----	79	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	690	-----	-----	690	-----	-----	-----	-----
3911 MISC. MANUFACTURED PRODUCTS-----	34,815	-----	-----	-----	-----	-----	34,815	-----
4111 WATER-----	80,225	-----	-----	-----	-----	-----	80,225	-----
4112 COMMODITIES, NEC-----	5,123	851	-----	-----	-----	830	3,442	-----
TOTAL TON-MILES, 96,997,941.								

COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.

SECTION INCLUDED: COLORADO RIVER FROM ITS JUNCTION WITH THE GIMM EXTENDING UP-STREAM APPROXIMATELY 15.5 MILES TO TURNING BASIN, CONTROLLING DEPTH: 5 FEET, PROJECT DEPTH: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	•	1976-----	380,801
1972-----	•	1977-----	311,948
1973-----	•	1978-----	455,448
1974-----	•	1979-----	458,681
1975-----	•	1980-----	436,585

• NOT COMPILED PRIOR TO 1976.

## FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL-----	436,585	243,986	192,599
2931 MARINE SHELLS, UNMANUFACTURED-----	112,399	112,399	-----
2813 ALCOHOLS-----	69,657	5,585	64,072
2819 BASIC CHEMICALS AND PROD., NEC-----	222,932	95,566	127,366
2911 GASOLINE-----	1,816	1,816	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	29,781	28,620	1,161
TOTAL TON-MILES, 6,153,147.			

MATAGORDA SHIP CHANNEL, TEX.

SECTION INCLUDED: GULF OF MEXICO TO POINT COMFORT, ABOUT 25.5 MILES; TO PORT LAVACA, ABOUT 4.2 MILES; TO HARBOR OF REFUGE, ABOUT 2.6 MILES; AND TO RED BLUFF, ABOUT 20.2 MILES. CONTROLLING DEPTH: TO POINT COMFORT, 28.0 FEET; TO PORT LAVACA, 9.0 FEET; TO HARBOR OF REFUGE, 9.0 FEET; AND TO RED BLUFF, 4 FEET. PROJECT DEPTH: TO POINT COMFORT, 38-36 FEET; TO PORT LAVACA AND HARBOR OF REFUGE, 12 FEET; AND TO RED BLUFF, 6 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	4,689,767	1976-----	4,256,320
1972-----	4,855,803	1977-----	3,894,810
1973-----	4,526,754	1978-----	4,677,509
1974-----	4,930,654	1979-----	4,562,702
1975-----	4,342,515	1980-----	3,991,089

## GALVESTON, TEX., DISTRICT

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MATAGORBA SHIP CHANNEL, TEX.--CONTINUED

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
TOTAL-----	3,991,089	3,057,260	179,006	54,700	422,775	281,348
0931 MARINE SMELLS, UNMANUFACTURED-----	5,754				5,754	
1091 ALUMINUM ORES, CONCENTRATES-----	3,001,516	2,875,042	113,990		12,484	
1311 CRUDE PETROLEUM-----	81,325					81,325
1411 LIMESTONE-----	117,563	117,563				
1491 CLAY-----	458					458
1499 NONMETALLIC MINERALS, NEC-----	61,325	58,502	2,823			
2810 SODIUM HYDROXIDE-----	2,771				2,771	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	124,585			47,246	50,825	26,514
2818 SULPHURIC ACID-----	138,959				138,134	825
2819 BASIC CHEMICALS AND PROD, NEC-----	172,192		5,605		15,430	151,157
2871 NITROGENOUS CHEM FERTILIZERS-----	94,479	5,041			89,438	
2879 FERTILIZER AND MATERIALS, NEC-----	33,002				33,002	
2911 GASOLINE-----	29,572				29,572	
2914 DISTILLATE FUEL OIL-----	40,901				33,569	7,332
2915 RESIDUAL FUEL OIL-----	10,390				10,390	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,281				1,281	
2918 ASPHALT, TAR, AND PITCHES-----	7,454			7,454		
2920 COKE, PETROLEUM COKE-----	52,533		52,533			
3241 BUILDING CEMENT-----	38				38	
3317 IRON AND STEEL PIPE AND TUBE-----	410					410
3323 LEAD AND ZINC, UNWORKED-----	1,472					1,472
3324 ALUMINUM AND ALLOYS, UNWORKED-----	8,165					8,165
3411 FABRICATED METAL PRODUCTS-----	68	22	46			
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,078	1,078				
3611 ELECTRICAL MACH AND EQUIP-----	3		3			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4		4			
3731 SHIPS AND BOATS-----	1		1			
3791 MISC TRANSPORTATION EQUIPMENT-----	1		1			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	12	12				
4111 WATER-----	3,375					3,375
4112 COMMODITIES, NEC-----	402				87	315
TOTAL TON-MILES, 99,496,745.						

CHANNEL TO VICTORIA, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO VICINITY OF VICTORIA, TEX., ABOUT 35 MILES; TRIBUTARY CHANNEL TO SEADRIFT, TEX., ABOUT 2 MILES. CONTROLLING DEPTH: MAIN CHANNEL, 08 FEET; TRIBUTARY CHANNEL, 9 FEET. PROJECT DEPTH: 9 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	2,686,164	1976-----	3,238,520
1972-----	2,973,220	1977-----	2,564,684
1973-----	3,137,397	1978-----	2,819,907
1974-----	3,135,921	1979-----	2,807,135
1975-----	3,030,897	1980-----	3,303,122

FREIGHT TRAFFIC, 1980

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	3,303,122	565,142	2,737,487	493
0931 MARINE SMELLS, UNMANUFACTURED-----	9,611	9,611		
1091 ALUMINUM ORES, CONCENTRATES-----	51,311	51,311		
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,114,833	6,888	2,107,645	
2810 SODIUM HYDROXIDE-----	180,064	180,064		
2813 ALCOHOLS-----	5,802		5,802	
2819 BASIC CHEMICALS AND PROD, NEC-----	845,319	267,946	556,900	493
2821 PLASTIC MATERIALS-----	77,013	11,322	65,691	
2871 NITROGENOUS CHEM FERTILIZERS-----	16,548	16,548		
2873 PHOSPHATIC CHEM FERTILIZERS-----	12,069	12,069		
2879 FERTILIZER AND MATERIALS, NEC-----	8,363	8,363		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,449		1,449	
4112 COMMODITIES, NEC-----	1,000	1,000		
TOTAL TON-MILES, 96,315,854.				

CORPUS CHRISTI SHIP CHANNEL, TEX.; (CORPUS CHRISTI  
AND HARBOR ISLAND, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT CORPUS CHRISTI, AT EVERY POINT, NEAR TULE LAKE, AND AT VIOLA, TEX., ABOUT 32 MILES; BRANCH CHANNEL TO LA GUINTA, ABOUT 6 MILES; CHANNEL TO PORT ARANSAS, ABOUT 0.4 MILES, CONTROLLING DEPTH: BAR CHANNEL, 45 FEET; BAY CHANNEL, 40.0 FEET; TO EVERY POINT, 39.0 FEET; TO VICINITY TULE LAKE, 40 FEET; TO VIOLA, 42 FEET; TO LA GUINTA, 38.0 FEET, TO PORT ARANSAS, 12.5 FEET; TO JEWEL FULTON, 10.5 FEET. PROJECT DEPTH: BAR CHANNEL, 47 FEET; REMAINDER OF PROJECT, 49 AND 40 FEET, EXCEPT PORT ARANSAS CHANNEL, 12 FEET, AND JEWEL FULTON CANAL, 12 FEET, MEANLOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	26,745,888	1	1976	43,492,959	
1972	25,496,084		1977	56,841,113	
1973	29,369,177		1978	54,678,296	
1974	37,780,886		1979	55,597,104	
1975	41,290,771		1980	45,001,096	

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL				
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	45,001,096	20,857,435	4,613,377	971,801	9,250,345	1,684,412	9,828,714	1,795,012
0101 COTTON, RAW	41,749		41,749					
0103 CORN	57,464		57,464					
0104 OATS	2,216,619		2,216,619					
0107 WHEAT	773,869		773,869					
0131 FRESH FRUITS AND TREE NUTS	19		19					
0841 CRUDE RUBBER AND ALLIED GUMS	10		10					
0931 MARINE SHELLS, UNMANUFACTURED	55,443					55,443		
1011 IRON ORE AND CONCENTRATES	210,590	209,190				1,400		
1021 COPPER ORE AND CONCENTRATES	2,938	2,938						
1051 ALUMINUM ORES, CONCENTRATES	4,563,974	4,113,083	549,403			1,488		
1091 NONFERROUS ORES, CONCENT, NEC	110,473	81,955			10,370	18,148		
1121 COAL AND LIGNITE	61,118		61,118					
1311 CRUDE PETROLEUM	18,525,617	15,570,661		608,342	1,150,069	301,473	674,739	220,313
1411 LIMESTONE	92		92					
1442 SAND, GRAVEL, CRUSHED ROCK	15,996					15,996		
1451 CLAY	299,678	182,757	57			12,235	104,679	
1492 SULPHUR, DRY	26		26					
1493 SULPHUR, LIQUID	22,011						22,011	
1499 NONMETALLIC MINERALS, NEC	2,302		2,302					
2011 MEAT, FRESH, CHILLED, FROZEN	66		66					
2021 DAIRY PRODUCTS, NEC	2		2					
2041 WHEAT FLOUR AND SEMOLINA	38,963		38,963					
2042 PREPARED ANIMAL FEEDS	23		23					
2049 GRAIN MILL PRODUCTS, NEC	6,793		6,793					
2062 MOLASSES	18,390	18,390						
2091 VEGETABLE OILS, MARG, SHORT	2		2					
2094 GROCERIES	16						16	
2099 MISCELLANEOUS FOOD PRODUCTS	2,847		2,847					
2111 TOBACCO MANUFACTURES	27		27					
2211 BASIC TEXTILE PRODUCTS	249	62	187					
2311 APPAREL	4		4					
2411 LOGS	23		23					
2413 FUEL WOOD, CHARCOAL, WASTES	5		5					
2414 TIMBER, POSTS, POLES, PILING	8		8					
2421 LUMBER	75	5	70					
2431 VENEER, PLYWOOD, ADPKED WOOD	19		19					
2491 WOOD MANUFACTURES, NEC	540	2	538					
2511 FURNITURE AND FIXTURES	4		4					
2611 PULP	4,664		4,664					
2621 STANDARD NEWSPRINT PAPER	5,718					5,718		
2631 PAPER AND PAPERBOARD	3,243		453			2,790		
2691 PULP AND PAPER PRODUCTS, NEC	1,453		4			1,449		
2711 PRINTED MATTER	1		1					
2810 SODIUM HYDROXIDE	217,486					206,393	11,093	
2811 CRUDE TAR, OIL, GAS PRODUCTS	266,166			16,151	26,669	97,030	92,842	33,474
2812 DYES, PIGMENT, TANNING MATS	3		3					
2813 ALCOHOLS	158,033		23			20,433	137,577	
2817 BENZENE AND TOLUENE	559,269				2,700	72,341	346,961	137,267
2819 BASIC CHEMICALS AND PROD, NEC	1,846,574	12,649	678,825		346,616	16,292	790,192	
2821 PLASTIC MATERIALS	539		539					
2822 SYNTHETIC RUBBER	81		81					
2841 SOAP	88		88					
2851 PAINTS	72	1	71					
2861 GUM AND WOOD CHEMICALS	171		171					
2871 NITROGENOUS CHEM FERTILIZERS	43,569		4,553			33,519	5,497	
2873 PHOSPHATIC CHEM FERTILIZERS	21,986		9,749			12,237		
2879 FERTILIZER AND MATERIALS, NEC	16,081		16,081					
2891 MISCELLANEOUS CHEMICAL PROD	2,793	9	564				2,220	
2911 GASOLINE	3,399,847	25,774	28	11,660	1,810,249	72,925	1,266,396	212,815
2912 JET FUEL	962,458				506,164	1,991	445,867	8,436
2913 KEROSENE	81,895		6		24,148	19,516	37,848	377
2914 DISTILLATE FUEL OIL	3,425,138	75,989	31,966	80,405	2,056,883	71,873	661,156	468,866
2915 RESIDUAL FUEL OIL	5,383,422	253,597		265,103	3,236,077	380,228	722,394	526,023
2916 LUBRICATING OILS AND GREASES	281,846		595		27,060	5,962	21,782	
2917 NAPHTHA, PETROLEUM SOLVENTS	740,693	226,457			53,320	157,664	436,303	93,406
2918 ASPHALT, TAR, AND BITUMENS	123,715		45			29,635		94,035
2920 COKE, PETROLEUM COKE	41,819		39,809			2,000		
2921 LIQUEFIED GASES	11,501		3			10,614	884	
2991 PETROLEUM AND COAL PROD, NEC	44,824			10,140		17,772	16,912	
3011 RUBBER AND MISC PLASTIC PROD	146	4	142					
3111 LEATHER AND LEATHER PRODUCTS	9	4	5					
3211 GLASS AND GLASS PRODUCTS	37	22	15					

## GALVESTON, TEX., DISTRICT

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CORPUS CHRISTI SHIP CHANNEL, TEX. (CORPUS CHRISTI  
AND HARBOR ISLAND, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3241 BUILDING CEMENT-----	189,578	129,666	49,034				10,878	
3251 STRUCTURAL CLAY PRODUCTS-----	66		66					
3291 MISC NONMETALLIC MINERAL PROD-----	418		418					
3314 IRON AND STEEL PRIMARY FORMS-----	2		2					
3315 IRON, STEEL SHAPES, EXC SHEET-----	40,539	35,928	3,618			993		
3316 IRON AND STEEL PLATES, SHEETS-----	1,270		270			1,000		
3317 IRON AND STEEL PIPE AND TUBE-----	26,135	6,031	1,038			17,413	1,653	
3319 IRON AND STEEL PRODUCTS, NEC-----	24		24					
3321 NONFERROUS METALS, NEC-----	80	4	76					
3322 COPPER ALLOYS, UNWORKED-----	26	22	4					
3323 LEAD AND ZINC, UNWORKED-----	2,227	2,208	19					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	8,312		8,312					
3411 FABRICATED METAL PRODUCTS-----	3,687	70	3,617					
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,822	15	3,235			2,018	562	
3611 ELECTRICAL MACH AND EQUIP-----	440	10	405				25	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	179	54	125					
3721 AIRCRAFT AND PARTS-----	21	7	14					
3731 SHIPS AND BOATS-----	1,995	4	1,991					
3791 MISC TRANSPORTATION EQUIPMENT-----	1		1					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	48	4	44					
3911 MISC MANUFACTURED PRODUCTS-----	2,683		2			75	2,606	
4011 IRON AND STEEL SCRAP-----	557	14	43			500		
4012 NONFERROUS METAL SCRAP-----	4		4					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	18		18					
4029 WASTE AND SCRAP, NEC-----	14,874					14,874		
4111 WATER-----	14,583					100	14,483	
4112 COMMODITIES, NEC-----	14,123	11,899	204			882	1,138	
TOTAL TON-MILES, 905,121,960.								

TOTAL WATERBORNE COMMERCE OF THE CORPUS CHRISTI BAY AREA

FREIGHT TRAFFIC, 1980

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
CORPUS CHRISTI, TEX.-----	39,107,016	16,049,897	4,605,085	798,057	9,250,345	1,591,712	5,103,176	1,708,744
HARBOR ISLAND, TEX.-----	5,980,348	4,807,538	8,292	173,744		178,968	811,806	
TOTAL, UNADJUSTED-----	45,087,364	20,857,435	4,613,377	971,801	9,250,345	1,770,680	5,914,982	1,708,744
ADJUSTMENT FOR LOCAL TRAFFIC-----	-86,268					-86,268	-86,268	+86,268
NET TOTAL, ALL TRAFFIC-----	45,001,096	20,857,435	4,613,377	971,801	9,250,345	1,684,412	5,828,714	1,795,012

\* INTERNAL TRAFFIC MOVED BETWEEN THE PORTS LOCATED IN THE CORPUS CHRISTI BAY AREA, WHILE TREATED AS RECEIPTS AND SHIPMENTS AT THE SEPARATE PORTS, IS CLASSIFIED AS LOCAL IN THE CONSOLIDATED STATEMENT.

HARBOR ISLAND, TEX.

SECTION INCLUDED: GULF OF MEXICO TO WEST END HUMBLE OIL BASIN; HARBOR ISLAND, ABOUT 3.9 MILES; CHANNEL TO PORT ARANSAS, ABOUT 0.4 MILE. CONTROLLING DEPTH: BAR CHANNEL, 45.0 FEET; INSIDE CHANNEL, 47 FEET; TO PORT ARANSAS, 12.5 FEET. PROJECT DEPTH: BAR CHANNEL, 47 FEET; INSIDE CHANNEL, 45 FEET; CHANNEL TO PORT ARANSAS, 12 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	4,978,297	1976-----	5,195,822
1972-----	3,215,952	1977-----	9,308,303
1973-----	2,429,560	1978-----	8,287,418
1974-----	5,406,031	1979-----	9,384,532
1975-----	6,348,824	1980-----	5,980,348

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL-----	5,980,348	4,807,538	8,292	173,744		178,968	811,806
1311 CRUDE PETROLEUM-----	5,105,252	4,513,993		102,369		95,753	396,137
1411 LIMESTONE-----	72		72				
1442 SAND, GRAVEL, CRUSHED ROCK-----	15,996					15,996	
1491 CLAY-----	100					100	
2099 MISCELLANEOUS FOOD PRODUCTS-----	10		10				



HARBOR ISLAND, TEX;--CONTINUED  
 FREIGHT TRAFFIC, 1980--CONTINUED  
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	SHIPMENTS
2211 BASIC TEXTILE PRODUCTS	1		1			
2491 WOOD MANUFACTURES, NEC	532		532			
2819 BASIC CHEMICALS AND PROD, NEC	406,124					406,124
2891 MISCELLANEOUS CHEMICAL PROD	1	1				
2911 GASOLINE	4,799				1,297	3,502
2914 DISTILLATE FUEL OIL	47,618	39,996			7,622	
2915 RESIDUAL FUEL OIL	279,185	164,832		71,378	38,010	4,968
2916 LUBRICATING OILS AND GREASES	88,337	88,337				
2917 NAPHTHA, PETROLEUM SOLVENTS	19,990				19,990	
3011 RUBBER AND MISC PLASTIC PROD	2	1	1			
3291 MISC NONMETALLIC MINERAL PROD	408		408			
3315 IRON, STEEL SHAPES, EXC SHEET	3,205		3,205			
3316 IRON AND STEEL PLATES, SHEETS	26		26			
3317 IRON AND STEEL PIPE AND TUBE	703		540			163
3319 IRON AND STEEL PRODUCTS, NEC	3		3			
3321 NONFERROUS METALS, NEC	10		10			
3411 FABRICATED METAL PRODUCTS	1,447	11	1,436			
3511 MACHINERY, EXCEPT ELECTRICAL	485	6	217		100	162
3611 ELECTRICAL MACH AND EQUIP	60	3	57			
3711 MOTOR VEHICLES, PARTS, EQUIP	4	3	1			
3731 SHIPS AND BOATS	1,761		1,761			
3811 INSTR, TIME, PHOTO, OPT GOODS	3		3			
3911 MISC MANUFACTURED PRODUCTS	650					650
4012 NONFERROUS METAL SCRAP	4		4			
4111 WATER	100				100	
4112 COMMODITIES, NEC	3,460	3,355	5			100

## CORPUS CHRISTI, TEX.

SECTION INCLUDED: HUMBLE OIL BASIN TO TURNING BASINS AT CORPUS CHRISTI, AT AVERY POINT, NEAR TULE LAKE, AND AT VIOLA, ABOUT 28 MILES; BRANCH CHANNEL TO LA QUINTA, ABOUT 6 MILES, CONTROLLING DEPTH: BAY CHANNEL, 40.0 FEET; TO AVERY POINT, 35.0 FEET; TO VICINITY TULE LAKE, 40 FEET; TO VIOLA, 42 FEET; TO LA QUINTA, 38.0 FEET, PROJECT DEPTH: 40 AND 45, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	21,776,171	1	1976	38,558,753	
1972	22,300,918		1977	46,871,495	
1973	25,992,329		1978	46,554,681	
1974	32,844,400		1979	46,422,792	
1975	35,487,454		1980	39,107,016	

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	39,107,016	16,049,897	4,605,085	798,057	9,250,345	1,591,712	9,103,176	1,708,744
0101 COTTON, RAW	41,749		41,749					
0103 CORN	57,464		57,464					
0104 OATS	2,216,619		2,216,619					
0107 WHEAT	773,869		773,869					
0131 FRESH FRUITS AND TREE NUTS	19		19					
0841 CRUDE RUBBER AND ALLIED GUMS	10		10					
0931 MARINE SHELLS, UNMANUFACTURED	55,443					55,443		
1011 IRON ORE AND CONCENTRATES	210,590	209,190				1,400		
1021 COPPER ORE AND CONCENTRATES	2,938	2,938						
1051 ALUMINUM ORES, CONCENTRATES	4,563,974	4,013,083	549,403			1,488		
1091 NONFERROUS ORES, CONCENT, NEC	110,473	81,955			10,370	18,148		
1121 COAL AND LIGNITE	61,118		61,118					
1311 CRUDE PETROLEUM	13,463,655	11,059,668		905,973	1,150,889	249,010	321,892	177,023
1411 LIMESTONE	20		20					
1451 CLAY	299,574	182,707	57			12,135	104,679	
1492 SULPHUR, DRY	26		26					
1493 SULPHUR, LIQUID	22,011						22,011	
1499 NONMETALLIC MINERALS, NEC	2,302		2,302					
2011 MEAT, FRESH, CHILLED, FROZEN	66							
2021 DAIRY PRODUCTS, NEC	2		2					
2041 WHEAT FLOUR AND SEMOLINA	38,963		38,963					
2042 PREPARED ANIMAL FEEDS	23		23					
2049 GRAIN MILL PRODUCTS, NEC	6,793		6,793					
2062 MOLASSES	18,390	18,390						
2091 VEGETABLE OILS, MARG, SHORT	2		2					
2094 GROCERIES	16						16	
2099 MISCELLANEOUS FOOD PRODUCTS	2,837		2,837					
2111 TOBACCO MANUFACTURES	27		27					
2211 BASIC TEXTILE PRODUCTS	248	62	186					
2311 APPAREL	4		4					
2411 LOGS	3		3					
2413 FUEL WOOD, CHARCOAL, WASTES	23		5					
2414 TIMBER, POSTS, POLES, PILING	8		8					
2421 LUMBER	75	5	70					
2431 VENEER, PLYWOOD, WORKED WOOD	19		19					

## GALVESTON, TEX., DISTRICT

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CORPUS CHRISTI, TEX.--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2491 WOOD MANUFACTURES, NEC	8	2	6					
2511 FURNITURE AND FIXTURES	4		4					
2611 PULP	4,664		4,664					
2621 STANDARD NEWSPRINT PAPER	5,718					5,718		
2631 PAPER AND PAPERBOARD	3,243		453			2,790		
2691 PULP AND PAPER PRODUCTS, NEC	1,453		4			1,449		
2711 PRINTED MATTER	1		1					
2810 SODIUM HYDROXIDE	217,486					206,393	11,093	
2811 CRUDE TAR, OIL, GAS PRODUCTS	266,166			16,151	26,669	97,030	92,842	33,474
2812 DYES, PIGMENT, TANNING MATS	3		3					
2813 ALCOHOLS	158,033		23			20,433	137,577	
2817 BENZENE AND TOLUENE	559,249				2,708	72,341	346,961	137,267
2819 BASIC CHEMICALS AND PROD, NEC	1,440,450	12,649	678,825		346,616	18,292	384,668	
2821 PLASTIC MATERIALS	539		539					
2822 SYNTHETIC RUBBER	81		81					
2841 SOAP	88		88					
2851 PAINTS	72	1	71					
2861 GUM AND WOOD CHEMICALS	171		171					
2871 NITROGENOUS CHEM FERTILIZERS	43,569		4,553			33,519	5,497	
2873 PHOSPHATIC CHEM FERTILIZERS	21,986		9,749			12,237		
2879 FERTILIZER AND MATERIALS, NEC	16,081		16,081					
2891 MISCELLANEOUS CHEMICAL PROD	2,792	8	564				2,220	
2911 GASOLINE	3,395,048	25,774	28	11,660	1,810,249	71,628	1,262,894	212,815
2912 JET FUEL	962,458				506,164	1,991	445,867	8,436
2913 KEROSENE	81,895		6		24,148	19,516	37,848	377
2914 DISTILLATE FUEL OIL	3,377,520	33,993	31,966	60,405	2,056,883	84,251	661,156	468,866
2915 RESIDUAL FUEL OIL	5,147,215	88,765		193,728	3,236,077	385,194	740,404	483,045
2916 LUBRICATING OILS AND GREASES	193,519	38,120	595		27,060	5,962	21,782	
2917 NAPHTHA, PETROLEUM SOLVENTS	720,703				53,320	137,674	436,303	93,406
2918 ASPHALT, TAR, AND BITUMENS	123,715		45			29,635		94,035
2920 COKE, PETROLEUM COKE	41,809		39,809			2,000		
2921 LIQUEFIED GASES	11,501		3			10,614	884	
2991 PETROLEUM AND COAL PROD, NEC	44,824			10,140		17,772	16,912	
3011 RUBBER AND MISC PLASTIC PROD	144	3	141					
3111 LEATHER AND LEATHER PRODUCTS	9		5					
3211 GLASS AND GLASS PRODUCTS	37	22	15					
3241 BUILDING CEMENT	189,578	129,666	49,034				10,878	
3251 STRUCTURAL CLAY PRODUCTS	66		66					
3291 MISC NONMETALLIC MINERAL PROD	10		10					
3314 IRON AND STEEL PRIMARY FORMS	2		2					
3315 IRON, STEEL SHAPES, EXC SHEET	37,334	35,928	413			993		
3316 IRON AND STEEL PLATES, SHEETS	1,244		244			1,000		
3317 IRON AND STEEL PIPE AND TUBE	25,432	6,031	498			17,413	1,490	
3319 IRON AND STEEL PRODUCTS, NEC	21		21					
3321 NONFERROUS METALS, NEC	70	4	66					
3322 COPPER ALLOYS, UNWORKED	26	22	4					
3323 LEAD AND ZINC, UNWORKED	2,227	2,208	19					
3324 ALUMINUM AND ALLOYS, UNWORKED	8,312		8,312					
3411 FABRICATED METAL PRODUCTS	2,240	99	2,181					
3511 MACHINERY, EXCEPT ELECTRICAL	5,337	9	3,018			1,910	400	
3611 ELECTRICAL MACH AND EQUIP	380		348				25	
3711 MOTOR VEHICLES, PARTS, EQUIP	175	51	124					
3721 AIRCRAFT AND PARTS	21	7	14					
3731 SHIPS AND BOATS	234	4	230					
3791 MISC TRANSPORTATION EQUIPMENT	1		1					
3811 INSTR, TIME, PHOTO, OPT GOODS	45	4	41					
3911 MISC MANUFACTURED PRODUCTS	2,033		2			75	1,956	
4011 IRON AND STEEL SCRAP	557	14	43			500		
4022 TEXTILE WASTE, SCRAP, SWEEP	18		18					
4029 WASTE AND SCRAP, NEC	14,874					14,874		
4111 WATER	14,483						14,483	
4112 COMMODITIES, NEC	10,663	8,544	199			882	1,038	

TRIBUTARY ARROYO COLORADO, TEX.

SECTION INCLUDED: GULF INTRACOASTAL WATERWAY TO PORT WAILINGEN, TEX., ABOUT 26 MILES, CONTROLLING DEPTH: 14 FEET; PROJECT DEPTH: 12 FEET, MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971	439,042	1976	586,380
1972	536,277	1977	709,354
1973	593,132	1978	716,122
1974	584,414	1979	666,223
1975	642,879	1980	623,292

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## TRIBUTARY ARROYO COLORADO, TEX.-CONTINUED

**FREIGHT TRAFFIC, 1900**

**DOMESTIC**

(SHORT TONG)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL -----	623,292	546,817	76,475
1311 CRUDE PETROLEUM -----	59,208	56,797	2,451
1442 SAND, GRAVEL, CRUSHED ROCK -----	75,028	75,028	-----
2071 NITROGENOUS CHEM FERTILIZERS -----	48,263	48,263	-----
2073 PHOSPHATIC CHEM FERTILIZERS -----	7,314	7,314	-----
2911 GASOLINE -----	322,350	318,896	3,502
2914 DISTILLATE FUEL OIL -----	40,999	40,999	-----
2917 NAPHTHA, PETROLEUM SOLVENTS -----	70,922	-----	70,922
TOTAL TON-MILES, 15,365,361.			

BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND  
PORT ISABEL, TEX.)

SECTION INCLUDED: GULF OF MEXICO TO TURNING BASINS AT PORT ISABEL, TEX., ABOUT 6 MILES; AND NEAR BROWNSVILLE, TEX., ABOUT 19 MILES; BROWNSVILLE FISHING BOAT HARBOR, ABOUT 1.2 MILES; GULF INTRACOASTAL WATERWAY SIDE CHANNELS, 1.3 MILES; PORT ISABEL SMALL BOAT HARBOR, ABOUT 2 MILES. CONTROLLING DEPTHS: BAR CHANNEL, 36 FEET; BAY CHANNEL, 35 FEET; TO PORT ISABEL, 36 FEET; TO NEAR BROWNSVILLE, 35 FEET; SIDE CHANNELS, 11.5 FEET; FISHING BOAT HARBOR, 14.5 FEET; SMALL BOAT HARBOR, 3 FEET. PROJECT DEPTHS: BAR CHANNEL, 36 FEET, REMAINDER OF PROJECT, 36 FEET; EXCEPT SIDE CHANNELS, 12 FEET; FISHING BOAT HARBOR, 15 FEET; AND SMALL BOAT HARBOR, 7 AND 6 FEET; MEAN LOW TIDE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971	5,013,026	58	1976	2,793,203	
1972	4,393,699	23	1977	2,334,142	
1973	6,377,203		1978	2,400,741	
1974	3,016,348		1979	2,016,099	
1975	3,004,947		1980	2,074,661	

**FREIGHT TRAFFIC, 1980**

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	EASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,874,661	616,037	495,823	9,400	74,332	934,987	736,897	7,225
0101 COTTON, RAW-----	21,778		21,778					
0103 CORN-----	9,722		2,746			1,600	1,376	
0104 OATS-----	186,939		186,939					
0111 SOYBEANS, NEC-----	9,256		15				5,241	
0119 OILSEEDS, NEC-----	4,511					3,000	1,511	
0122 HAY AND FODDER-----	1,431						1,431	
0131 FRESH FRUITS AND TREE NUTS-----	26,458		26,458					
0911 FRESH FISH, EXCEPT SHELLFISH-----	5	5						
0912 SHELLFISH, EXCEPT PREPARED-----	792	391				491		
1011 IRON ORE AND CONCENTRATES-----	8,397	8,397						
1051 ALUMINUM ORES, CONCENTRATES-----	10,111	4,342				2,848	2,921	
1061 MANGANESE ORES, CONCENTRATES-----	7,022					5,622	1,400	
1091 NONFERROUS ORES, CONCENT, NEC-----	94,041	42,079					11,962	
1311 CRUDE PETROLEUM-----	262,538	8,368				88,174	165,996	
1412 BUILDING STONE, UNWORKED-----	7,225							7,225
1442 SAND, GRAVEL, CRUSHED ROCK-----	149,442					149,247	4,195	
1451 CLAY-----	146,298	121,620				24,478		
1493 SULPHUR, LIQUID-----	26,800					26,800		
1499 NONMETALLIC MINERALS, NEC-----	221,988	10,386	44,511			19,354	147,337	
2014 TALLOW, ANIMAL, FATS AND OILS-----	3,950					3,950		
2015 ANIMAL BY-PRODUCTS, NEC-----	60		60					
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,230		1,410				1,820	
2042 PREPARED ANIMAL FEEDS-----	19,377		12,411				6,966	
2049 GRAIN MILL PRODUCTS, NEC-----	3,074						3,074	
2061 SUGAR-----	41,802				41,802			
2091 VEGETABLE OILS, MARG, SHORT-----	1,400					1,400		
2099 MISCELLANEOUS FOOD PRODUCTS-----	135,903		135,903					
2211 BASIC TEXTILE PRODUCTS-----	110	3	107					
2311 APPAREL-----	6							
2421 LUMBER-----	167		167					
2491 WOOD MANUFACTURES, NEC-----	3		3					
2511 FURNITURE AND FIXTURES-----	1		1					
2691 PULP AND PAPER PRODUCTS, NEC-----	12		12					
2819 BASIC CHEMICALS AND PROD, NEC-----	667,908	36,679	1,454		12,322	129,320	288,733	
2821 PLASTIC MATERIALS-----	191		191					
2841 SOAP-----	27		27					
2851 PAINTS-----	2		2					
2871 NITROGENOUS CHEM FERTILIZERS-----	4,840					4,840		
2879 FERTILIZER AND MATERIALS, NEC-----	5,488					5,488		
2891 MISCELLANEOUS CHEMICAL PROD-----	6		6					
2911 GASOLINE-----	246,216	79,898				164,502	1,816	
2914 DISTILLATE FUEL OIL-----	28,996					9,066	19,930	
2915 RESIDUAL FUEL OIL-----	169,332	72,396	37,294		20,200	11,894	27,380	
2916 LUBRICATING OILS AND GREASES-----	117,681	93,203	36	9,400		14,962		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	35,924						35,924	

## GALVESTON, TEX., DISTRICT

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BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND  
PORT ISABEL, TEX.)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2918 ASPHALT, TAR, AND PITCHES-----	22,084	-----	-----	-----	-----	22,084	-----	-----
2920 COKE, PETROLEUM COKE-----	5,502	4,185	-----	-----	-----	1,317	-----	-----
2931 ASPHALT BUILDING MATERIALS-----	2	-----	2	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	1	1	-----	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	7	-----	7	-----	-----	-----	-----	-----
3271 LIME-----	13	-----	13	-----	-----	-----	-----	-----
3311 PIG IRON-----	2,468	-----	-----	-----	-----	1,368	1,100	-----
3314 IRON AND STEEL PRIMARY FORMS-----	48,886	-----	-----	-----	-----	48,886	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	73,924	66,820	-----	-----	-----	7,104	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	31,743	-----	111	-----	-----	31,632	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	2,648	-----	98	-----	-----	1,200	1,350	-----
3318 FERROALLOYS-----	19,947	13,118	-----	-----	-----	3,979	2,850	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	40,311	40	-----	-----	-----	40,271	-----	-----
3321 NONFERROUS METALS, NEC-----	19,566	19,566	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1,103	-----	-----	-----	-----	1,103	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	1,401	-----	1	-----	-----	-----	1,400	-----
3411 FABRICATED METAL PRODUCTS-----	3,211	-----	3,211	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,776	1	4,925	-----	-----	850	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	18,299	17,991	308	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	84	-----	84	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	6	-----	6	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	20	-----	20	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	30	-----	30	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	143,323	16,387	13,815	-----	-----	111,977	1,144	-----
4012 NONFERROUS METAL SCRAP-----	1,695	-----	1,695	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	551	371	-----	-----	-----	180	-----	-----
TOTAL TON-MILES, 21,509,062.								

SUMMARY OF TRAFFIC, BRAZOS ISLAND HARBOR, TEX. (BROWNSVILLE AND PORT ISABEL, TEX.)

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
BROWNSVILLE, TEX.-----	2,562,472	615,770	495,408	9,400	74,332	802,580	564,982
PORT ISABEL, TEX.-----	438,093	267	415	-----	-----	132,407	304,964
NET TOTAL, ALL TRAFFIC-----	3,000,525	616,037	495,823	9,400	74,332	934,987	869,946
TOTAL TONNAGE THROUGH JETTIES AT BRAZOS-SANTIAGO PASS, TEX.	1,195,592	-----	-----	-----	-----	-----	-----

PORT ISABEL, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO PORT ISABEL, TEX., ABOUT 6 MILES; GULF INTRACOASTAL WATERWAY SIDE CHANNELS, 1.3 MILES, SMALL BOAT HARBOR, ABOUT 2 MILES. CONTROLLING DEPTH: BAR CHANNEL, 36 FEET; INSIDE CHANNEL, 35 FEET; SIDE CHANNELS, 11.5 FEET; SMALL BOAT HARBOR, 3 FEET. PROJECT DEPTH: BAR CHANNEL, 38 FEET; INSIDE CHANNEL, 36 FEET; SIDE CHANNELS 12 FEET; PORT ISABEL SMALL BOAT HARBOR 7 AND 6 FEET, MEAN LOW TIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	440,334	1976-----	208,287
1972-----	478,410	1977-----	203,702
1973-----	366,768	1978-----	245,151
1974-----	179,684	1979-----	308,021
1975-----	255,938	1980-----	304,964

FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	INTERNAL	
				RECEIPTS	SHIPMENTS
TOTAL-----	304,964	267	415	132,407	171,879
0911 FRESH FISH, EXCEPT SHELLFISH-----	5	5	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	750	259	-----	491	-----
1311 CRUDE PETROLEUM-----	160,448	-----	-----	-----	160,448
1442 SAND, GRAVEL, CRUSHED ROCK-----	119,902	-----	-----	119,902	-----
1491 CLAY-----	1,686	-----	-----	1,686	-----
2211 BASIC TEXTILE PRODUCTS-----	40	3	37	-----	-----
2491 WOOD MANUFACTURES, NEC-----	3	-----	3	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	12	-----	12	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1	-----	1	-----	-----
2851 PAINTS-----	2	-----	2	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	4,840	-----	-----	4,840	-----
2879 FERTILIZER AND MATERIALS, NEC-----	5,488	-----	-----	5,488	-----

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PORT ISABEL, TEX. (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
2915 RESIDUAL FUEL OIL-----	11,427				11,427
2951 ASPHALT BUILDING MATERIALS-----	2		2		
3317 IRON AND STEEL PIPE AND TUBE-----	6		6		
3323 LEAD AND ZINC, UNWORKED-----	1		1		
3411 FABRICATED METAL PRODUCTS-----	14		14		
3511 MACHINERY, EXCEPT ELECTRICAL-----	304		304		
3611 ELECTRICAL MACH AND EQUIP-----	23		23		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		2		
3731 SHIPS AND BOATS-----	6		6		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1		1		
3911 MISC MANUFACTURED PRODUCTS-----	1		1		

BROWNSVILLE, TEX. (PART OF WATERWAY)

SECTION INCLUDED: GULF OF MEXICO TO NEAR BROWNSVILLE, TEX.; ABOUT 19 MILES; BROWNSVILLE FISHING BOAT HARBOR, ABOUT 1.5 MILES; CONTROLLING DEPTH: BAR CHANNEL, 36 FEET; INSIDE CHANNEL, 35 FEET; FISHING BOAT HARBOR, 14.5 FEET; PROJECT DEPTH: BAR CHANNEL, 38 FEET; REMAINDER OF PROJECT, 36 FEET; EXCEPT BROWNSVILLE FISHING BOAT HARBOR, 15 FEET, MEAN LOW TIDE;

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1971-----	4,973,292	42	1976-----	2,584,916	
1972-----	3,875,289	23	1977-----	2,138,440	
1973-----	8,010,915	208	1978-----	2,163,590	
1974-----	2,836,664	8	1979-----	2,888,076	
1975-----	2,829,009		1980-----	2,969,697	

## FREIGHT TRAFFIC, 1980

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,969,697	615,770	495,408	9,400	74,832	882,588	564,982	7,225
0101 COTTON, RAW-----	21,778		21,778					
0103 CORN-----	5,722		2,746			1,600	1,376	
0104 OATS-----	186,939		186,939					
0111 SOYBEANS-----	5,236		15				5,241	
0119 OILSEEDS, NEC-----	4,511					3,000	1,511	
0122 HAY AND FODDER-----	1,431						1,431	
0131 FRESH FRUITS AND TREE NUTS-----	26,458		26,458					
0912 SHELLFISH, EXCEPT PREPARED-----	42	42						
1011 IRON ORE AND CONCENTRATES-----	8,397	8,397						
1051 ALUMINUM ORES, CONCENTRATES-----	10,111	4,362				2,840	2,921	
1061 MANGANESE ORES, CONCENTRATES-----	7,022					5,622	1,400	
1091 NONFERROUS ORES, CONCENT, NEC-----	54,041	42,079					11,962	
1311 CRUDE PETROLEUM-----	102,090	6,368				88,174	5,548	
1412 BUILDING STONE, UNWORKED-----	7,225							7,225
1442 SAND, GRAVEL, CRUSHED ROCK-----	29,540					25,345	4,195	
1451 CLAY-----	144,612	121,820				22,792		
1493 SULPHUR, LIQUID-----	26,800					26,800		
1499 NONMETALLIC MINERALS, NEC-----	221,588	10,386	44,511			19,354	147,337	
2014 TALLOW, ANIMAL FATS AND OILS-----	3,950					3,950		
2015 ANIMAL BY-PRODUCTS, NEC-----	60		60					
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,236		1,410				1,820	
2042 PREPARED ANIMAL FEEDS-----	19,377		12,411				6,966	
2049 GRAIN MILL PRODUCTS, NEC-----	3,074						3,074	
2061 SUGAR-----	41,802				41,802			
2091 VEGETABLE OILS, MARG, SHORT-----	1,400					1,400		
2099 MISCELLANEOUS FOOD PRODUCTS-----	135,903		135,903					
2211 BASIC TEXTILE PRODUCTS-----	70		70					
2311 APPAREL-----	6		6					
2421 LUMBER-----	167		167					
2511 FURNITURE AND FIXTURES-----	1		1					
2819 BASIC CHEMICALS AND PROD, NEC-----	467,907	36,079	1,453		12,322	129,320	288,733	
2821 PLASTIC MATERIALS-----	191		191					
2831 SOAP-----	27		27					
2891 MISCELLANEOUS CHEMICAL PROD-----	6		6					
2911 GASOLINE-----	246,216	79,898				164,502	1,816	
2914 DISTILLATE FUEL OIL-----	28,996					9,064	19,930	
2915 RESIDUAL FUEL OIL-----	197,905	72,596	37,254		20,208	11,894	15,993	
2916 LUBRICATING OILS AND GREASES-----	117,681	95,283	36	9,400		14,962		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	35,924						35,924	
2918 ASPHALT, TAR, AND PITCHES-----	22,084					22,084		
2920 COKE, PETROLEUM COKE-----	5,502	4,185				1,317		
3011 RUBBER AND MISC PLASTIC PROD-----	1	1						
3211 GLASS AND GLASS PRODUCTS-----	1		7					
3271 LIME-----	13		13					
3311 PIG IRON-----	2,468					1,368	1,100	
3314 IRON AND STEEL PRIMARY FORMS-----	48,886					48,886		
3315 IRON, STEEL SHAPES, EXC SHEET-----	73,924	66,820				7,104		
3316 IRON AND STEEL PLATES, SHEETS-----	31,743		111			31,632		
3317 IRON AND STEEL PIPE AND TUBE-----	2,642		92			1,200	1,390	
3318 FERROALLOYS-----	19,947	13,118				3,979	2,890	

GALVESTON, TEX., DISTRICT

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BROWNSVILLE, TEX. (PART OF WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3319 IRON AND STEEL PRODUCTS, NEC-----	40,311	40	-----	-----	-----	40,271	-----	-----
3321 NONFERROUS METALS, NEC-----	19,566	19,566	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	1,103	-----	-----	-----	-----	1,103	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	1,400	-----	-----	-----	-----	-----	1,400	-----
3411 FABRICATED METAL PRODUCTS-----	3,197	-----	3,197	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	5,472	1	4,621	-----	-----	850	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	18,276	17,991	285	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	82	-----	82	-----	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	19	-----	19	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	29	-----	29	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	143,323	16,387	13,815	-----	-----	111,977	1,144	-----
4012 NONFERROUS METAL SCRAP-----	1,695	-----	1,695	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	551	371	-----	-----	-----	180	-----	-----

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
CHANNEL TO ARANSAS PASS, TEX.	0912 SHELLFISH, EXCEPT PREPARED	1,168		
	2014 DISTILLATE FUEL OIL	7,949		
	TOTAL	9,113	421,323	
CHANNEL TO PALACIOS, TEX.	0106 SORGHUM GRAINS	11,869		
	0111 SOYBEANS	3,972		
	0031 MARINE SHELLS, UNMANUFACTURED	70,025		
	TOTAL	85,862	1,202,068	
CHANNEL TO PORT BOLIVAR, TEX.				4,208,447
CLEAR CREEK, TEX.	1451 CLAY	20,700	269,100	
DICKINSON BAYOU, TEX.	1311 CRUDE PETROLEUM	1,279		
	2020 COKE, PETROLEUM COKE	18,000		
	TOTAL	19,279	47,325	
DOUBLE BAYOU, TEX.	1451 CLAY	180		
	2414 TIMBER, POSTS, POLES, PILING	13,332		
	3317 IRON AND STEEL PIPE AND TUBE	31,360		
	3411 FABRICATED METAL PRODUCTS	1,486		
	3511 MACHINERY, EXCEPT ELECTRICAL	250		
	3711 MOTOR VEHICLES, PARTS, EQUIP	1,946		
	TOTAL	48,554	145,662	
PORT MANSFIELD, TEX.	0911 FRESH FISH, EXCEPT SHELLFISH	233		
	0912 SHELLFISH, EXCEPT PREPARED	322		
	1451 CLAY	259		
	2095 ICE	1,941		
	2819 BASIC CHEMICALS AND PROD, NEC	255		
	2914 DISTILLATE FUEL OIL	58		
	3317 IRON AND STEEL PIPE AND TUBE	1,184		
	3411 FABRICATED METAL PRODUCTS	108		
	3511 MACHINERY, EXCEPT ELECTRICAL	630		
	3711 MOTOR VEHICLES, PARTS, EQUIP	2,808		
	3911 MISC MANUFACTURED PRODUCTS	1,210		
	4111 WATER	3,513		
	4112 COMMODITIES, NEC	916		
	TOTAL	13,432	18,804	
ROCKPORT, TEX.	1311 CRUDE PETROLEUM	73,108		
	1451 CLAY	12,144		
	1499 NONMETALLIC MINERALS, NEC	350		
	2094 GROCERIES	15		
	2691 PULP AND PAPER PRODUCTS, NEC	1		
	2819 BASIC CHEMICALS AND PROD, NEC	1,531		
	2914 DISTILLATE FUEL OIL	1,160		
	3241 BUILDING CEMENT	5,311		
	3317 IRON AND STEEL PIPE AND TUBE	4,377		
	3411 FABRICATED METAL PRODUCTS	283		
	3511 MACHINERY, EXCEPT ELECTRICAL	10,908		
	3911 MISC MANUFACTURED PRODUCTS	14,066		
	4011 IRON AND STEEL SCRAP	1		
	4111 WATER	53,032		
	4112 COMMODITIES, NEC	5,207		
	TOTAL	181,694	545,082	
TRINITY RIVER CHANNEL TO LIBERTY, TEX.	1493 SULPHUR, LIQUID	207,471		
	2879 FERTILIZER AND MATERIALS, NEC	22,598		
	TOTAL	230,069	3,140,905	

# MISSISSIPPI RIVER

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## MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES (CONSOLIDATED REPORT)

SECTION INCLUDED: MINNEAPOLIS, MINN., TO MOUTH OF PASSES, FOR NAVIGATION SEASONS, CONTROLLING AND PROJECT DEPTHS SEE TABLES OF INDIVIDUAL STRETCHES LISTED SEPARATELY.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	255,239,767	-----	255,239,767	1,381,912	1976-----	356,183,727	-----	356,183,727	1,968,773
1972-----	271,980,414	-----	271,980,414	1,586,967	1977-----	396,771,216	-----	396,771,216	2,248,415
1973-----	276,346,896	-----	276,346,896	1,553,263	1978-----	413,665,666	-----	413,665,666	2,025,802
1974-----	302,589,614	-----	302,589,614	1,774,553	1979-----	430,175,679	-----	430,175,679	1,178,338
1975-----	311,239,484	-----	311,239,484	1,690,051	1980-----	441,544,078	-----	441,544,078	1,249,455

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

### ADDITIONAL TRAFFIC - CAR FERRY TRAFFIC

	EASTBOUND	WESTBOUND
NUMBER OF EMPTY CARS TRANSPORTED-----	2,742	2,826
NUMBER OF LOADED CARS TRANSPORTED-----	2,566	2,471
NUMBER OF TRIPS, DRAFT 4 TO 9 FEET-----	585	585

### FREIGHT TRAFFIC, 1960

#### DEPARTING

#### (SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	210,642,927	90,733,433	86,192,614	38,672	98,046	17,668,930	23,735,857	99,268	76,107
0101 COTTON, RAW-----	49,797	-----	46,991	-----	-----	-----	2,806	-----	-----
0102 BARLEY AND RYE-----	110	-----	110	-----	-----	-----	-----	-----	-----
0103 CORN-----	33,112,760	88	32,909,199	-----	587	-----	201,583	-----	1,303
0104 OATS-----	486,214	-----	486,214	-----	-----	-----	-----	-----	-----
0105 RICE-----	329,445	-----	329,445	-----	-----	-----	-----	-----	-----
0107 WHEAT-----	7,157,842	-----	6,931,920	-----	-----	-----	225,922	-----	-----
0111 SOYBEANS-----	15,373,767	1	15,370,963	-----	-----	-----	2,803	-----	-----
0119 OILSEEDS, NEC-----	103,233	-----	102,304	-----	-----	-----	1,229	-----	-----
0121 TOBACCO, LEAF-----	1,988	4,271	2,623	86	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	1,545	181	1,363	-----	1	-----	-----	-----	-----
0131 FRESH FRUITS AND TREE NUTS-----	3,304	283	2,964	54	-----	-----	-----	-----	-----
0133 COFFEE-----	254,894	249,629	2,269	2,996	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	3,094	-----	-----	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	11,082	152	10,305	-----	645	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	3,665	75	3,583	7	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	442	428	14	-----	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	152,993	151,920	1,038	-----	25	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	10,697	9,281	1,416	-----	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	867	390	477	-----	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED-----	18	177	3	-----	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES-----	175,939	175,826	133	-----	-----	-----	-----	-----	-----
1021 COPPER ORE AND CONCENTRATES-----	11,143	3,622	7,521	-----	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	7,521,357	7,332,418	182,812	5,688	439	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	390,653	372,925	17,520	-----	228	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	612,345	593,422	13,940	-----	-----	-----	-----	-----	4,983
1121 COAL AND LIGNITE, CONCENT, NEC-----	6,620,707	3,673,600	-----	-----	46	-----	2,945,861	-----	-----
1311 CRUDE PETROLEUM-----	81,245,372	72,643,823	-----	-----	-----	8,253,760	147,789	-----	-----
1411 LIMESTONE-----	104,166	149,850	2,362	11,695	59	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	18,417	12,793	3,624	-----	-----	-----	-----	-----	-----
1451 CLAY-----	954,660	813,219	129,711	-----	12,438	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	7,617,249	433,568	11	4,988	-----	7,093,374	26,233	59,875	-----
1479 NATURAL FERTILIZER MATS, NEC-----	22,600	-----	-----	-----	-----	-----	-----	-----	22,600
1492 SULPHUR, DRY-----	282,356	-----	782,350	-----	6	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	2,021,686	-----	-----	-----	-----	255,797	1,765,511	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	220,886	96,963	47,188	3,618	5,826	23,292	3,971	18,647	18,359
1911 ORDNANCE AND ACCESSORIES-----	139	17	121	-----	1	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	10,160	3,450	5,360	1,350	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	16,069	17,176	706	-----	184	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	557,334	-----	534,628	-----	-----	-----	22,706	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	1,104	-----	1,194	-----	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	703	371	304	-----	18	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	6,199	101	5,920	-----	178	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	942	577	173	-----	12	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	14,400	3,179	10,939	115	147	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	16,971	2,974	13,729	242	56	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	121,664	-----	122,462	-----	72	-----	-----	-----	-----
2042 PREPARED ANIMAL FEEDS-----	11,125,055	53	11,187,311	-----	3,216	4,050	27,173	1,252	-----
2049 GRAIN MILL PRODUCTS, NEC-----	282,596	64	215,920	-----	196	-----	64,419	-----	-----
2061 SUGAR-----	2,070,556	1,383,676	369,337	3,397	-----	244,516	-----	-----	-----
2062 MOLASSES-----	250,930	225,335	26,415	-----	-----	1,821	3,186	-----	-----
2081 ALCOHOLIC BEVERAGES-----	42,007	34,932	3,799	46	236	3,003	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	1,460,341	155,647	1,244,525	1,599	1,497	-----	15,762	-----	-----
2092 ANIMAL OILS AND FATS, NEC-----	127,131	3,240	123,901	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FARM PRODUCTS-----	44,654	15,490	28,953	43	174	-----	-----	-----	-----
2111 TOBACCO MANUFACTURES-----	86	6	80	-----	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	51,205	43,638	6,521	112	514	-----	-----	-----	-----
2212 TEXTILE FIRERS, NEC-----	2,003	1,058	945	-----	-----	-----	-----	-----	-----



MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES  
(CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2311 APPAREL-----	759	419	305	32	3				
2411 LOGS-----	78,500	10	78,490						
2413 FUEL WOOD, CHARCOAL, WASTES-----	999		999						
2414 TIMBER, POSTS, POLES, PILING-----	740	202	538						
2421 LUMBER-----	97,084	34,439	62,347	65	233				
2431 VENEER, PLYWOOD, WORKED WOOD-----	73,895	62,504	11,369	22					
2491 WOOD MANUFACTURES, NEC-----	18,135	8,559	9,106	428	42				
2511 FURNITURE AND FIXTURES-----	5,933	2,738	3,161	4	30				
2611 PULP-----	513,605		513,415		190				
2631 PAPER AND PAPERBOARD-----	589,622	34,596	551,554	4	3,468				
2691 PULP AND PAPER PRODUCTS, NEC-----	7,787	77	7,458		252				
2711 PRINTED MATTER-----	429	83	322	1	23				
2810 SODIUM HYDROXIDE-----	274,380						257,231	4,142	13,007
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	14,139	13,530	609						
2812 DYES, PIGMENT, TANNING MATS-----	1,101		1,101						
2813 ALCOHOLS-----	243,045		466				242,579		
2816 RADIOACTIVE MATERIALS, WASTES-----	77		77						
2817 BENZENE AND TOLUENE-----	74,344					66,657	7,677		
2818 SULPHURIC ACID-----	7,090						7,090		
2819 BASIC CHEMICALS AND PROD, NEC-----	3,228,071	408,434	2,473,829	16	5,213	138,109	202,470		
2821 PLASTIC MATERIALS-----	126,913	1,434	123,443	40	1,996				
2822 SYNTHETIC RUBBER-----	26,596		25,912		684				
2823 SYNTHETIC (MAN-MADE) FIREPS-----	6,685	357	6,327		1				
2831 DRUGS-----	2,414	365	2,005		44				
2841 SOAP-----	13,462	552	9,711	25	110	3,064			
2851 PAINTS-----	49,026	38,692	10,159	46	129				
2861 GUM AND WOOD CHEMICALS-----	17,067		17,044		23				
2871 NITROGENOUS CHEM FERTILIZERS-----	1,905,705	60,890	1,725,894		1,307	5,571	112,083		
2872 POTASSIUM CHEM FERTILIZERS-----	80,485		80,465		20				
2873 PHOSPHATIC CHEM FERTILIZERS-----	38,279	16,574	15,390			6,315			
2876 INSECTICIDES, DISINFECTANTS-----	31,795	20,330	11,093		372				
2879 FERTILIZER AND MATERIALS, NEC-----	1,604,394	20	1,525,008		4,506	1,352	63,541	9,467	
2891 MISCELLANEOUS CHEMICAL PROD-----	184,564	15,433	167,635	557	939				
2911 GASOLINE-----	4,626,483	86,042	20,683			250,590	4,271,168		
2912 JET FUEL-----	546,715						9,385		
2913 KEROSENE-----	116,314		27				118,287		
2914 DISTILLATE FUEL OIL-----	3,846,560		59			336,467	3,510,034		
2915 RESIDUAL FUEL OIL-----	9,351,455	1,102,123	1,143			788,885	7,459,304		
2916 LUBRICATING OILS AND GREASES-----	1,490,596	304,792	957,289		1,708	59,128	267,663		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	470,631					40,384	430,247		
2918 ASPHALT, TAR, AND BITUMENS-----	59,829	3,048	39		1,255	7,272	48,215		
2920 COKE, PETROLEUM COKE-----	1,996,875	522,423	1,444,534		21,918				
2921 LIQUIFIED GASES-----	157,693		221			32,232	125,440		
2951 ASPHALT BUILDING MATERIALS-----	4,106		4,032		74				
2991 PETROLEUM AND COAL PROD, NEC-----	459,790	3,307	21,944		261	22,416	411,862		
3011 RUBBER AND MISC PLASTIC PROD-----	57,083	11,834	44,662	49	538				
3111 LEATHER AND LEATHER PRODUCTS-----	999	628	372	1	17				
3211 GLASS AND GLASS PRODUCTS-----	38,919	5,288	32,794	1	236				
3241 BUILDING CEMENT-----	25,184	25,806	3,378						
3251 STRUCTURAL CLAY PRODUCTS-----	42,024	3,542	38,323		159				
3271 LIME-----	567		567						
3291 CLAY STONE AND STONE PRODUCTS-----	4,674	3,920	135	19					
3291 MISC NONMETALLIC MINERAL PROD-----	11,223	3,439	7,710	8	66				
3314 IRON AND STEEL PRIMARY FORMS-----	181,909	16,392	171,517						
3315 IRON, STEEL SHAPES, ETC SHEET-----	1,399,863	1,339,966	59,795		82				
3316 IRON AND STEEL PLATES, SHEETS-----	222,331	15,629	196,079		168			70	8,385
3317 IRON AND STEEL PIPE AND TUBE-----	572,646	495,370	76,496		9			700	
3318 FERROALLOYS-----	667,983	610,973	57,010						
3319 IRON AND STEEL PRODUCTS, NEC-----	56,162	35,897	20,220		45				
3321 NONFERROUS METALS, NEC-----	32,455	2,086	29,048		71				1,250
3322 COPPER ALLOYS, UNWORKED-----	96,790	77,949	18,833		8				
3323 LEAD AND ZINC, UNWORKED-----	56,649	22,441	34,208						
3324 ALUMINUM AND ALLOYS, UNWORKED-----	221,621	89,310	131,316		995				
3411 FABRICATED METAL PRODUCTS-----	157,219	114,140	50,522	171	1,806				580
3511 MACHINERY, EXCEPT ELECTRICAL-----	70,089	70,741	174,224	116	1,636				2,500
3611 ELECTRICAL MACH AND EQUIP-----	82,592	27,261	48,697	177	427			850	850
3711 MOTOR VEHICLES, PARTS, EQUIP-----	51,069	21,613	28,787	15	653				
3721 AIRCRAFT AND PARTS-----	543	50	493						
3731 SHIPS AND BOATS-----	18,315	152	15,925		113				
3791 MISC TRANSPORTATION EQUIPMENT-----	41,239	37,335	3,878		56				2,090
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,095	256	1,801	4	34				
3911 MISC MANUFACT, PROD PRODUCTS-----	4,032	2,362	1,560	20	90				
4011 IRON AND STEEL SCRAP-----	497,158	41	463,961	10	15,646	17,500			
4012 NONFERROUS METAL SCRAP-----	79,275	14,660	64,551	20	104				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	3,214	1,832	1,253	110	19				
4024 PAPER WASTE AND SCRAP-----	2,145		2,146						
4112 COMMODITIES, NEC-----	13,302	8,998	3,631	544	129				
9999 DEPARTMENT OF DEFENSE AND SCI-----	13,922		13,922						

TON-MILES, OCEANGOING, 35,436,232,454.

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES  
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL  
(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	DOWNBOUND	THROUGH	DOWNBOUND	DOWNBOUND	DOWNBOUND	DOWNBOUND	DOWNBOUND
COMMODITY	TOTAL	UPBOUND	DOWNBOUND	THROUGH	DOWNBOUND	DOWNBOUND	DOWNBOUND	DOWNBOUND	DOWNBOUND
TOTAL	222,931,151	26,929,613	18,793,712	22,169,662	15,884,816	54,643,192	90,499,455	16,814,907	17,165,794
0101 COTTON, RAW	1,766						1,766		
0102 BARLEY AND RYE	18,771					1,365	2,574	13,524	1,308
0103 CORN	30,225,151	57,023	10,355	39,149		14,252,696	14,263,181	592,197	1,110,550
0104 OATS	173,484					65,145	10,075	76,571	21,698
0135 RICE	341,880		1,500			186,228	123,061	24,388	5,923
0106 SORGHUM GRAINS	407,544		207			307,954	96,108	3,275	
0107 WHEAT	7,294,736	21,593	54,296	13,663	52,627	3,729,938	2,679,581	283,631	547,707
0111 SOYBEANS	19,341,137	26,410	255,364	9,845	1,400	7,694,884	6,735,411	341,782	279,641
0119 OILSEEDS, NEC	15,451		30,225			95,620	9,626	3,000	
0122 HAY AND FODDER	1,431						1,431		
0133 COFFEE	6,153	7,891		20				242	
0161 ANIMALS AND PRODUCTS, NEC	12,289			8,926	1,457		360		1,546
0191 MISCELLANEOUS FARM PRODUCTS	156							156	
0841 CRUDE RUBBER AND ALLIED GUMS	226			226					
0911 FRESH FISH, EXCEPT SHELLFISH	240	119							
0912 SHELLFISH, EXCEPT PREPARED	20,284		8,767		11,517				
0931 MARINE SHELLS, UNMANUFACTURED	1,786,630		528,523		159,477		110,080		988,750
1011 IRON ORE AND CONCENTRATES	246,897	4,434		116,160	8,983	13,842		104,509	9,169
1021 COPPER ORE AND CONCENTRATES	15,398					13,798		1,600	
1051 ALUMINUM ORES, CONCENTRATES	480,427	99,166	22,328	334,935	9,811			12,780	1,400
1061 MANGANESE ORES, CONCENTRATES	350,524	21,470	2,477	219,677	46,735		17,602	1,150	21,393
1091 NONFERROUS ORES, CONCENT, NEC	423,950	44,667	35,378	396,521	39,204	14,565	5,564	32,197	35,634
1121 COAL AND LIGNITE	20,422,127	3,497,830	1,475,057	588,851	201,009	5,245,195	7,826,915	4,464,439	4,722,832
1311 CRUDE PETROLEUM	14,399,771	3,914,434	3,657,429	2,073,593	641,358	1,233,006	1,038,928	379,026	1,122,397
1411 LIMESTONE	538,184	37,285			8,114	445,596	4,248	42,943	
1442 SAND, GRAVEL, CRUSHED ROCK	6,833,576	2,835,067	43,578	87,729	22,285	1,166,349	2,402,208	220,130	26,729
1451 CLAY	430,193		54,350		108,736	11,410	8,209	74,154	171,394
1471 PHOSPHATE ROCK	1,176,844	593,910		582,978					
1492 SULPHUR, DRY	1,350						1,350		
1493 SULPHUR, LIQUID	2,634,100	1,103,961	1,224,984	110,575	25,359		169,221		
1499 NONMETALLIC MINERALS, NEC	4,587,656	74,238	890,827	359,226	3,018,147	418	41,132	59,611	144,657
1911 ORDNANCE AND ACCESSORIES	1,039		1,039						
2012 MEAT AND PRODUCTS, NEC	2,794		29					2,765	
2014 TALLOW, ANIMAL FATS AND OILS	322,214	1,970	11,526	1,429	3,646	71,414	223,258	5,682	3,329
2022 DRIED MILK AND CREAM	1,132		1,132						
2039 PREP FRUIT AND VEG JUICE, NEC	1,820		1,820						
2041 WHEAT FLOUR AND SEMOLINA	119,851		12,551			6,791	3,831	96,678	
2042 PREPARED ANIMAL FEEDS	4,221,714	39,226	55,987	29,367	19,044	1,993,849	2,019,582	4,641	60,118
2049 GRAIN MILL PRODUCTS, NEC	7,005,025	62,860	44,439	142,084	4,329	3,963,282	2,678,618	55,635	33,773
2701 SUGAR	527,827	78,693	89,200	27,845	18,315	33,391	100,383		
2802 MOLASSES	398,521	81,296	1,406	179,692	5,561	41,456	22,334	10,430	8,346
2802 ALCOHOLIC BEVERAGES	1,165						834		326
2931 VEGETABLE OILS, MARG, SHORT	1,242,040	15,862	18,920	75,349	2,494	609,461	440,345	39,106	30,543
2932 ANIMAL OILS AND FATS, NEC	54,668		46,469		2,311	600		3,300	847
2934 GROCERIES	946				71			78	
2935 ICE	3								
2939 MISCELLANEOUS FOOD PRODUCTS	25,193		12,595	4,470			8,013	115	
2211 BASIC TEXTILE PRODUCTS	4,362	1,020	12,425	2,434	7			496	
2212 TEXTILE FIBERS, NEC	3,093			2,518			295	280	
2311 APPAREL	37			37					
2421 CORDS	322,667	11,570		8,468	1,235	23,961	77,248	159,360	40,903
2424 TIMBER, POSTS, POLES, PILING	1,835		193	1,799	762		583		298
2415 PULPWOOD, LOGS	1,0984		7,394		1,179		2,410		
2416 WOOD SHIPS, STAVES, WHITINGS	7,327				2,327				
2421 LUMBER	44,903	812	6,652	27,619	239	1,170	4,975	3,450	586
2431 VENEER, FLAMEWOOD, ADORNED WOOD	8,541		640	7,942				59	
2431 WOOD MANUFACTURES, NEC	290			18	49			232	
2511 FURNITURE AND FIXTURES	88						880		
2611 PAPER	222,250		45,684	14,450		159,428	3,370		
2621 STANDARD NEWSPRINT PAPER	7,155		243		1,197				5,714
2631 PAPER AND PAPERBOARD	264,717	5,344	97,173	10,517	3,445	27,405	103,561	8,523	8,440
2631 PULP AND PAPER PRODUCTS, NEC	127,782		5,242		92	9,663	104,368		1,617
2610 SOFT-WOOD PULP	4,278,813	332,133	209,017	580,276	432,449	180,411	9,742	341,439	201,526
2611 CRUDE TAR, OIL, GAS PRODUCTS	591,556	37,668	71,573	45,124	84,801	16,314	19,442	13,119	263,289
2813 ALCOHOLS	1,392,174	111,922	69,370	495,379	518,622	35,035	59,729	158,235	7,222
2817 BENZENE AND TOLUENE	1,241,667	149,751	294,187	170,515	179,682	149,550	148,481	49,679	66,901
2818 SULPHURIC ACID	684,127	240,318	19,700	46,324		237,296	12,524	129,745	
2819 BASIC CHEMICALS AND PROD, NEC	1,643,758	1,732,197	637,218	3,711,940	3,791,672	543,666	417,914	59,902	275,457
2821 PLASTIC MATERIALS	85,924	1,276	6,647	3,921	62,786	577		9,215	1,107
2822 SYNTHETIC RUBBER	54,875	1,864	2,703	11,425	5,021	201	2,937	30,724	
2823 SYNTHETIC (MAN-MADE) FIBERS	25						258		
2801 GUM AND GUM CHEMICALS	1,443		121						1,327
2811 NITROGENOUS CHEM FERTILIZERS	4,967,843	598,554	100,446	967,244	273,525	300,044	281,439	223,595	262,518
2822 POTASSIUM CHEM FERTILIZERS	354,689		5,649		150,098		5,566	25,961	143,815
2823 PHOSPHATIC CHEM FERTILIZERS	474,750	1,21,73		259,454	11,237		705	21,199	
2876 INSECTICIDES, DISINFECTANTS	11						110		
2879 FERTILIZER AND MATERIALS, NEC	7,892,447	866,461	1,83,581	1,252,477	368,107	51,495	42,614	46,191	80,331
2891 MISCELLANEOUS CHEMICAL PROD	1,007		4,132	21,444	51,042	914		5,333	14,492
2911 GASOLINE	11,051,940	2,638,262	1,751,389	3,121,341	816,924	1,240,962	492,224	1,440,921	488,711
2912 JET FUEL	1,376,867	3,242	219,328	210,528	151,554	9,632	63,723	59,194	82,013
2913 KEROSENE	2,953,539	15,729	65,783	45,342	3,871	28,338	21,568		
2914 DISTILLATE FUEL OIL	7,597,626	1,575,717	453,564	1,958,946	314,075	1,001,018	372,507	1,331,535	172,414
2915 RESIDUAL FUEL OIL	1,255,185	3,372,044	5,138,044	841,757	1,347,242	5,413,647	2,745,146	1,127,337	484,747
2916 LUBRICATING OILS AND GREASES	1,727,631	80,114	55,517	137,541	572,894	98,368	134,254	134,441	
2917 NAPHTHA, PETROLEUM SOLVENTS	2,279,925	147,659	496,934	374,450	625,922	134,827	111,192	295,202	331,441
2918 ASPHALT, TAR, AND BITUMENS	1,434,583	221,851	55,357	364,749	121,795	127,831	57,495	418,651	124,428
2920 COKE, PETROLEUM COKE	6,996,027	4,417	87,575	329,457	357,742	489,839	449,451	129,158	255,534
2921 LIQUEFIED GASES	917,026	54,455	234,489	19,143	33,475	39,262	648,524	76,111	151,504
2991 PETROLEUM AND COAL RESID, NEC	1,568,875	29,540	21,490	28,520	14,595	9,995	27,464	41,479	17,752
3211 GLASS AND GLASS PRODUCTS	42,973	1,070			1,414	2,783	35,125		1,575
3241 BUILDING CEMENT	7,571,149	449,898	17,376	52,541	177,171	754,078	121,392	1,127,566	233,727

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES  
(CONSOLIDATED REPORT)--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	1. BOUND UPBOUND	OUTBOUND UPBOUND	THROUGH UPBOUND	DOWNBOUND	1. BOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
3251 STRUCTURAL CLAY PRODUCTS-----	27,764	-----	-----	-----	8,260	193	-----	4,290	11,982
3271 LIME-----	408,974	-----	-----	146,539	13,037	2,558	66,283	146,951	33,606
3281 CUT STONE AND STONE PRODUCTS-----	10	-----	-----	-----	-----	-----	-----	10	-----
3291 MISC NONMETALLIC MINERAL PROD-----	40,656	-----	11,276	928	21,334	2,810	3,008	-----	2,100
3311 PIG IRON-----	32,413	-----	3,704	8,758	3,368	-----	-----	8,172	8,411
3312 SLAG-----	274,369	138	75,126	21,212	525	143,919	4,148	17,978	11,323
3314 IRON AND STEEL PRIMARY FORMS-----	602,147	25,348	3,217	90,620	10,685	39,655	154,744	70,810	207,668
3315 IRON, STEEL SHAPES, EXC SHEET-----	710,696	20,233	44,445	209,858	21,114	3,304	95,797	42,343	273,582
3316 IRON AND STEEL PLATES, SHEETS-----	1,754,053	72,806	92,699	263,443	95,524	59,764	260,245	288,880	700,692
3317 IRON AND STEEL PIPE AND TUBE-----	885,197	17,235	56,492	119,739	46,591	6,123	53,344	163,429	420,262
3318 FERROALLOYS-----	694,365	18,000	2,604	520,008	81,937	1,132	24,222	24,053	22,409
3319 IRON AND STEEL PRODUCTS, NEC-----	661,900	46,666	50,602	53,268	51,166	2,934	84,134	68,512	304,616
3321 NONFERROUS METALS, NEC-----	5,112	1,041	-----	1,576	1,399	-----	1,094	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	11,113	9,993	-----	1,113	-----	-----	-----	-----	17
3323 LEAD AND ZINC, UNWORKED-----	36,743	753	2,960	23,451	2,872	4,214	1,085	-----	1,408
3324 ALUMINUM AND ALLOYS, UNWORKED-----	53,402	4,376	1,622	23,946	13,252	1,059	7,260	-----	1,887
3411 FABRICATED METAL PRODUCTS-----	144,945	4,783	12,764	46,412	13,686	5,247	24,672	10,721	27,263
3511 MACHINERY, EXCEPT ELECTRICAL-----	133,654	15,344	5,267	19,147	15,878	7,999	43,795	3,598	22,716
3611 ELECTRICAL MACH AND EQUIP-----	117,505	663	640	3,832	90,300	928	881	961	19,303
3711 MOTOR VEHICLES, PARTS, EQUIP-----	8,844	-----	1,923	1,182	49	362	623	4,930	205
3731 SHIPS AND BOATS-----	30,991	-----	11,435	-----	5,998	-----	46	157	13,354
3791 MISC TRANSPORTATION EQUIPMENT-----	2,337	-----	-----	-----	-----	-----	-----	2,263	72
3911 MISC MANUFACTURED PRODUCTS-----	145,232	-----	4,899	-----	44,134	-----	6,070	1,102	89,027
4011 IRON AND STEEL SCRAP-----	1,882,891	14,496	46,592	47,593	192,987	98,501	279,172	185,084	1,019,006
4012 NONFERROUS METAL SCRAP-----	19,748	-----	2,550	-----	-----	8,174	7,692	1,132	-----
4029 WASTE AND SCRAP, NEC-----	190,065	-----	1,051	-----	16,038	-----	-----	68,775	64,195
4111 WATER-----	339,081	-----	335	22	169,159	42	76	29	169,418
4112 COMMODITIES, NEC-----	86,452	-----	3,289	9,125	23,278	-----	29,396	11,573	9,791
4118 WATERWAY IMPROVEMENT MAT-----	5,388,335	430,956	20,300	5,650	20,196	2,315,481	1,697,971	874,679	23,100
4119 EMPTY CONTAINERS-----	2,884	45	-----	980	177	-----	110	1,503	69
TON-MILES, INTERNAL, 133,294,646,187.									

TONS, ALL TRAFFIC, 441,944,078.  
TON-MILES, ALL TRAFFIC, 168,732,676,671.

MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER; UPPER MISSISSIPPI RIVER FROM MILE 857.6 TO MILE 195. CONTROLLING DEPTH: 9 FEET. PROJECT DEPTH: 9 FEET. NAVIGATION SEASON: 3 APRIL TO 1 DECEMBER 1980 IN UPPER PORTION; 30 MARCH TO 30 NOVEMBER 1980 IN LOWER PORTION.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	52,773,097	-----	52,773,097	95,824	1976-----	68,420,307	-----	68,420,307	407,168
1972-----	60,746,365	-----	60,746,365	219,532	1977-----	67,218,142	-----	67,218,142	590,352
1973-----	58,084,198	-----	58,084,198	268,799	1978-----	68,976,381	-----	68,976,381	403,852
1974-----	62,013,644	-----	62,013,644	365,693	1979-----	68,614,662	-----	68,614,662	132,842
1975-----	63,238,667	-----	63,238,667	187,167	1980-----	76,394,879	-----	76,394,879	443,853

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

## FREIGHT TRAFFIC, 1980

## OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	UPBOUND	DOWNBOUND
TOTAL-----	86,572	62,469	24,103	-----
0113 CORN-----	1,303	-----	-----	1,303
1471 PIGSFEAT PORK-----	56,380	56,380	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	22,800	-----	-----	22,800
2879 FERTILIZER AND MATERIALS, NEC-----	5,379	5,379	-----	-----
3611 ELECTRICAL MATH AND EQUIP-----	710	710	-----	-----
TON-MILES, OCEANGOING, 1,991,156.				

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL  
(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND UPBOUND	OUTBOUND UPBOUND	THROUGH UPBOUND	DOWNBOUND	INBOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
TOTAL-----	76,338,307	5,004,869	7,973,116	875,793	6,720,865	1,377,268	266,962	28,578,785	23,500,629
0102 BARLEY AND RYE-----	16,771					1,365	2,574	13,524	1,308
0103 CORN-----	27,362,724	1,480	27,180		3,142	18,669	2,973	14,091,387	13,217,893
0104 OATS-----	162,029							141,711	20,318
0106 SORGHUM GRAINS-----	51,652							48,697	2,955
0107 WHEAT-----	2,577,857		30,536		1,430	27,677	43,697	1,682,312	792,225
0111 SOYBEANS-----	7,493,770		7,806		3,912	2,650		4,229,497	3,249,705
0119 OILSEEDS, NEC-----	93,431							92,172	1,259
0911 FRESH FISH, EXCEPT SHELLFISH-----	119	119							
0931 MARINE SHELLS, UNMANUFACTURED-----	11,730		11,730						
1011 IRON ORE AND CONCENTRATES-----	1,600							1,600	
1051 ALUMINUM ORES, CONCENTRATES-----	221,788		119,987		111,901				
1061 MANGANESE ORES, CONCENTRATES-----	43,800		18,503		25,297				
1091 NONFERROUS ORES, CONCENT, NEC-----	29,696		4,486		24,125				1,285
1121 COAL AND LIGNITE-----	7,022,067	771,553	3,110,113	140,956	639,039	706,036		1,598,469	35,901
1311 CRUDE PETROLEUM-----	511,614		470,913					4,200	36,501
1411 LIMESTONE-----	45,399	11,811	25,474		8,114				
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,754,711	2,316,088	29,667		59,177	319,120		6,619	24,040
1451 CLAY-----	37,287							37,287	
1471 PHOSPHATE ROCK-----	1,162,085		493,910		568,175				
1492 SULPHUR, DRY-----	1,350								1,350
1493 SULPHUR, LIQUID-----	5,140								5,140
1499 NONMETALLIC MINERALS, NEC-----	1,555,716		52,107	1,597	999,771			29,471	160,439
2014 TALLOW, ANIMAL FATS AND OILS-----	191,339				1,429			5,946	2,775
2041 WHEAT FLOUR AND SEMOLINA-----	6,721							802,957	938,267
2042 PREPARED ANIMAL FEEDS-----	1,770,470		27,228		900	1,418		1,567,831	474,233
2049 GRAIN MILL PRODUCTS, NEC-----	2,042,064							5,693	1,028
2061 SUGAR-----	214,491				209,770			32,158	49,778
2062 MOLASSES-----	151,101		65,562	1,436	51,975			365,503	
2091 VEGETABLE OILS, MARG, SHORT-----	451,515				36,234				
2092 ANIMAL OILS AND FATS, NEC-----	7,540								
2211 BASIC TEXTILE PRODUCTS-----	1,000		1,000						
2411 LOGS-----	26,430					1,200		1,730	23,500
2421 LUMBER-----	23,619		812		27,807				
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,859				5,859				
2611 PULP-----	14,410				14,410				
2631 PAPER AND PAPERBOARD-----	24,698		2,866		5,129				16,703
2810 SODIUM HYDROXIDE-----	400,051		101,734		298,317				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	64,674				9,755				42,704
2813 ALCOHOLS-----	315,901		55,810		257,089				3,002
2817 BENZENE AND TOLUENE-----	252,897		31,457	1,347	39,423		33,179	129,737	56,744
2818 SULPHURIC ACID-----	92,480		2,427		40,200			7,226	2,627
2819 BASIC CHEMICALS AND PROD, NEC-----	2,166,996	71,312	302,455	3,041	1,594,306	33,900	1,498	75,077	85,407
2821 PLASTIC MATERIALS-----	8,052		1,276		2,866			3,010	
2871 NITROGENOUS CHEM FERTILIZERS-----	944,659	75,935	235,170		560,784	37,482		69,713	14,575
2872 POTASSIUM CHEM FERTILIZERS-----	25,961							25,961	
2873 PHOSPHATIC CHEM FERTILIZERS-----	207,626		110,954	2,030	93,195			1,429	
2879 FERTILIZER AND MATERIALS, NEC-----	972,363		568,947		400,901				2,515
2891 MISCELLANEOUS CHEMICAL PROD-----	22,481		3,873		2,886				15,722
2911 GASOLINE-----	2,617,394	924,220	172,326	296,565	149,718	14,456	31,874	809,793	218,532
2912 JET FUEL-----	150,269	15,600	46,290	22,031	14,187			16,779	35,412
2913 KEROSENE-----	20,615	8,735	8,411			2,150		1,319	
2914 DISTILLATE FUEL OIL-----	1,396,058	287,717	138,416	244,008	111,255	47,749	7,335	347,007	212,511
2915 RESIDUAL FUEL OIL-----	2,443,714	24,151	45,191	55,077	375,226	25,413	33,760	933,723	771,163
2916 LUBRICATING OILS AND GREASES-----	505,052		1,571		245,079		14,775	61,400	78,151
2917 NAPHTHA, PETROLEUM SOLVENTS-----	774,318		75,732		376,300		60,893	38,009	195,562
2918 ASPHALT, TAR, AND BITUMENS-----	862,419	127,706	16,739	85,602	123,398	104,887		344,717	39,300
2920 COKE, PETROLEUM COKE-----	1,248,381	7,945	45,342		378,626	5,464		133,495	677,449
2931 PETROLEUM AND COAL PROD, NEC-----	94,291		16,950	1,420	25,695			10,846	
3211 GLASS AND GLASS PRODUCTS-----	1,414				1,414				
3241 BUILDING CEMENT-----	1,227,771	348,527			158,449			729,725	
3251 STRUCTURAL CLAY PRODUCTS-----	8,260				8,260				
3271 LIME-----	159,576				159,576				
3311 PIG IRON-----	20,184		1,699		9,442			2,002	7,543
3312 SLAB-----	125,604		75,126			19,899		19,596	10,883
3314 IRON AND STEEL, PRIMARY FORMS-----	274,398		4,198		25,312			36,337	28,851
3315 IRON, STEEL SHAPES, EXC SHEET-----	373,134	130	23,281		85,690			1,612	263,221
3316 IRON AND STEEL PLATES, SHEETS-----	721,984		65,480	200	74,083				582,221
3317 IRON AND STEEL PIPE AND TUBE-----	127,716	2,100	93,237		51,403	549			13,427
3318 FERROALLOYS-----	172,641		1,165		166,963		3,610		1,902
3319 IRON AND STEEL PRODUCTS, NEC-----	535,552		42,074		30,552				262,206
3321 NONFERROUS METALS, NEC-----	1,041		1,741						
3323 LEAD AND ZINC, UNWORKED-----	5,454		753		3,297				1,404
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,966		1,235		731				
3411 FABRICATED METAL PRODUCTS-----	42,671		2,431		21,265	800		1,233	16,362
3511 MACHINERY, EXCEPT ELECTRICAL-----	50,521	100	6,130		3,648			3,670	36,972
3611 ELECTRICAL MACH AND EQUIP-----	1,050		200		250				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	623								623
3731 SALES AND REPAIRS-----	46								46
4011 IRON AND STEEL SCRAP-----	673,055		31,294		38,447	642	22,394	12,467	527,147
4029 WASTE AND SCRAP, NEC-----	59,516							1,124	54,189
4112 COMMODITIES, NEC-----	9,600		500					9,000	
4118 WATERWAY IMPROVEMENT MAT-----	254,379	9,600	259,137			15,742			
4119 EMPTY CONTAINERS-----	98				98				

TON-MILES, INTERNAL, 15,155,732,244.

TONS, ALL TRAFFIC, 75,394,879.

TON-MILES, ALL TRAFFIC, 15,155,722,400.

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER; UPPER MISSISSIPPI RIVER FROM MILE 195 TO MILE 0; CONTROLLING DEPTH: 9 FEET, VIA THE CHAIN OF ROCKS CANAL, BYPASSING CHAIN OF ROCKS REACH, PROJECT DEPTH: 9 FEET, NAVIGATION SEASON: ENTIRE YEAR, EXCEPT DURING BRIEF PERIODS WHEN THE CHANNEL MAY BE BLOCKED BY ICE.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1971	58,518,767		58,518,767	742,287	1976	78,138,431		78,138,431	892,156
1972	67,545,404		67,545,404	782,230	1977	74,511,955		74,511,955	1,015,421
1973	63,385,876		63,385,876	738,321	1978	79,328,171		79,328,171	1,127,143
1974	69,995,050		69,995,050	902,971	1979	80,435,159		80,435,159	507,287
1975	71,623,162		71,623,162	1,043,997	1980	92,914,550		92,914,550	308,486

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE	
		THROUGH	
		RECEIPTS	UPBOUND DOWNBOUND
TOTAL-----	87,924	1,352	62,469 24,103
0103 CORN-----	1,303		
1471 PHOSPHATE ROCK-----	56,380		56,380
1479 NATURAL FERTILIZER MATS, NEC-----	22,800		
2879 FERTILIZER AND MATERIALS, NEC-----	6,731	1,352	5,379
3611 ELECTRICAL MACH AND EQUIP-----	710		710
TON-MILES, OCEANGING, 17,120,252.			

**INTERNAL**

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND UPBOUND	UPBOUND	THROUGH UPBOUND	DOWNBOUND	INBOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
TOTAL-----	92,826,626	595,795	3,553,692	4,265,215	12,701,584	1,335,522	1,329,440	10,783,642	52,261,727
0102 BARLEY AND RYE-----	14,832								14,832
0133 CORN-----	28,074,387		8,628	2,483	26,391	1,600	80,816	643,858	27,310,611
0104 OATS-----	173,484						29,600		143,876
0105 RICE-----	750							750	
0136 SORGHUM GRAINS-----	69,341							16,380	52,952
0107 WHEAT-----	4,406,413		21,985	7,821	6,580		53,945	1,079,255	3,236,827
0111 SOYBEANS-----	5,632,300				10,218		1,600	978,578	7,641,904
0110 OILSEEDS, NEC-----	99,879							6,448	93,431
0931 MARINE SHELLS, UNMANUFACTURED-----	13,223		1,493		11,730				
1011 IRON ORE AND CONCENTRATES-----	8,798				1,222			5,976	1,600
1021 COPPER ORE AND CONCENTRATES-----	15,398							15,398	
1091 ALUMINUM ORES, CONCENTRATES-----	223,395		1,607		221,788				
1061 MANGANESE ORES, CONCENTRATES-----	44,813				44,813				
1091 NONFERROUS ORES, CONCENTRATES, NEC-----	114,352		68,591		28,611		1,285	16,085	
1121 COAL AND LIGNITE-----	14,810,577	211,633	1,196,532	2,951,681	796,071	111,602	500	7,271,926	2,070,282
1311 CRUDE PETROLEUM-----	577,414				470,913				36,501
1411 LIMESTONE-----	522,127			25,474	8,114			488,539	
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,004,701	184,025	16,665	10,464	78,380	326,800		360,408	27,959
1491 CLAY-----	82,032							44,745	37,287
1471 PHOSPHATE ROCK-----	1,162,085				1,162,085				
1492 SULPHUR, PR-----	1,350								1,350
1493 SULPHUR, LIQUID-----	5,140								5,140
1499 NONMETALLIC MINERALS, NEC-----	2,016,199		323,126		1,690,823				2,250
2914 ALKYL, ETHYL, BUTYL, AND DILS-----	263,890				1,429			38,716	223,545
2941 WHEAT FLOUR AND SEMOLINA-----	105,399							96,678	8,721
2042 PREPARED ANIMAL FEEDS-----	3,196,565		688		30,491		2,862	1,180,699	2,061,825
2040 GRAIN MILL PRODUCTS, NEC-----	5,476,032		3,087				1,455	1,331,932	2,141,548
2901 SUGAR-----	376,516		88,025		209,779		1,028		5,693
2902 MOLASSES-----	236,139		14,498	1,199	184,284		9,852		22,306
2091 VEGETABLE OILS, MARG, SHORT-----	526,033			1,473	34,761			35,757	454,112
2092 ANIMAL OILS AND FATS, NEC-----	9,851				9,851				
2211 BASIC TEXTILE PRODUCTS-----	1,000				1,000				
2411 LOGS-----	34,173						11,150	4,803	18,217
2415 PULPWOOD LOGS-----	1,179				1,179				
2416 WOOD CHIPS, STAVES, WILTINGS-----	2,327				2,327				
2421 LUMBER-----	23,619				23,619				
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,859				5,859				
2611 P. L. P-----	14,410				14,410				
2621 STANDARD NEWSPRINT PAPER-----	1,190				1,190				
2631 PAPER AND PAPERBOARD-----	27,123				10,420				16,703
2810 SODIUM HYDROXIDE-----	560,981		148,124		411,515			1,342	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	75,953		7,123		26,226				42,704
2813 ALCOHOLS-----	377,457		43,492	2,800	327,757		1,726		1,276
2817 BENZENE AND TOLUENE-----	277,177		35,621		70,880		78,386		92,290
2818 SULPHURIC ACID-----	152,147	1,400		29,400	13,227	7,000		91,267	9,853
2819 BASIC CHEMICALS AND PROD, NEC-----	2,218,933		52,621	1,400	1,901,204	8,400		4,492	150,853
2821 PLASTIC MATERIALS-----	6,052				4,142				3,910
2871 NITROGENOUS CHEM FERTILIZERS-----	1,053,536	5,592	100,198	349,658	449,929	4,020	31,224	95,601	17,554
2872 POTASSIC CHEM FERTILIZERS-----	25,961								25,961

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO  
RIVER (INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND	OUTBOUND	THROUGH	DOWNBOUND	INBOUND	OUTBOUND	THROUGH
			UPBOUND	UPBOUND	UPBOUND		DOWNBOUND	DOWNBOUND	DOWNBOUND
2873 PHOSPHATIC CHEM FERTILIZERS----	316,552		48,627	19,558	246,938				1,429
2879 FERTILIZER AND MATERIALS, NEC----	1,452,473		249,202		1,202,056				1,215
2891 MISCELLANEOUS CHEMICAL PROD-----	22,481				6,759				15,722
2911 GASOLINE-----	1,808,017	2,594	393,064	133,988	155,585	69,277	449,392	107,659	496,458
2912 JET FUEL-----	146,004		33,336	14,277	46,200		10,501		41,690
2913 KEROSENE-----	9,730				6,411				1,319
2914 DISTILLATE FUEL OIL-----	978,721	4,861	74,913	115,286	113,684	99,144	248,056	56,577	266,000
2915 RESIDUAL FUEL OIL-----	2,428,727		2,666	59,637	556,211		113,080	67,038	1,630,095
2916 LUBRICATING OILS AND GREASES-----	669,131		177,980		351,600				139,551
2917 NAPHTHA, PETROLEUM SOLVENTS-----	678,272		6,736		441,678				229,858
2918 ASPHALT, TAR, AND PITCHES-----	472,303		3,351	13,583	126,534			4,020	324,815
2920 COKE, PETROLEUM COKE-----	1,471,073		188,127	9,806	249,131		1,128	174,155	848,726
2991 PETROLEUM AND COAL PROD, NEC-----	52,891				42,045				10,846
3211 GLASS AND GLASS PRODUCTS-----	4,197				1,414			2,783	
3241 BUILDING CEMENT-----	1,442,427	141,371	11,995	52,113	113,936		87,098	721,166	314,748
3251 STRUCTURAL CLAY PRODUCTS-----	11,299				8,260			3,039	
3271 LIME-----	309,085			146,539	13,037			149,509	
3311 PIG IRON-----	22,191		2,005		11,141				9,045
3312 SLAG-----	64,754				20,529			13,646	30,579
3314 IRON AND STEEL PRIMARY FORMS-----	299,382		11,143	3,536	31,096		3,060	3,590	246,957
3315 IRON, STEEL SHAPES, EXC SHEET-----	387,779		10,211	807	95,895		12,138	2,120	266,608
3316 IRON AND STEEL PLATES, SHEETS-----	896,634	750	48,721	5,415	129,059	1,400	65,922	132,617	512,750
3317 IRON AND STEEL PIPE AND TUBE-----	128,047		9,980		104,640				13,427
3318 FERROALLOYS-----	193,975		12,676	3,359	175,306			1,132	1,502
3319 IRON AND STEEL PRODUCTS, NEC-----	378,864		2,615	995	53,202		26,397	60,775	234,880
3321 NONFERROUS METALS, NEC-----	1,041				1,041				
3322 COPPER ALLOYS, UNWORKED-----	9,993		9,993						
3323 LEAD AND ZINC, UNWORKED-----	10,693		1,021		4,050			4,214	1,408
3324 ALUMINUM AND ALLOYS, UNWORKED-----	3,541		1,575		1,966				
3411 FABRICATED METAL PRODUCTS-----	45,418		5,597	5,387	17,204		1,157	320	15,793
3511 MACHINERY, EXCEPT ELECTRICAL-----	66,363	5,500	5,132	6,500	3,950		4,300	1,239	37,092
3611 ELECTRICAL MACH AND EQUIP-----	1,330		280		1,050				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	623								623
3731 SHIPS AND BOATS-----	7,752		7,736						46
4011 IRON AND STEEL SCRAP-----	742,333		2,670	27,119	53,389		1,683	130,896	526,556
4012 NONFERROUS METAL SCRAP-----	8,210							8,210	
4029 WASTE AND SCRAP, NEC-----	59,516								59,516
4112 COMMODITIES, NEC-----	9,090							90	9,000
4118 WATERWAY IMPROVEMENT MAT-----	2,434,598	38,069		263,437	20,198	703,629		1,409,265	
4119 EMPTY CONTAINERS-----	980				980				

TON-MILES, INTERNAL, 15,978,012,485.

TONS, ALL TRAFFIC, 92,914,550.

TON-MILES, ALL TRAFFIC, 15,995,138,737.

MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: MOUTH OF OHIO RIVER TO BATON ROUGE, LA; LOWER MISSISSIPPI RIVER FROM MILE 954 TO MILE 236. CONTROLLING DEPTH: NOT LESS THAN 9 FEET MAINTAINED DURING LOW WATER AND COMMENSURABLY GREATER DEPTHS AVAILABLE DURING THE HIGH WATER SEASON. PROJECT DEPTH: 12 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	90,328,619		90,328,619	9,401	1976-----	121,912,345		121,912,345	4,427
1972-----	102,698,573		102,698,573	5,557	1977-----	124,061,787		124,061,787	30,435
1973-----	100,395,636		100,395,636	3,344	1978-----	135,158,191		135,158,191	42,136
1974-----	111,381,795		111,381,795	4,943	1979-----	137,009,630		137,009,630	29,847
1975-----	108,926,777		108,926,777	6,473	1980-----	146,271,193		146,271,193	28,469

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

## ADDITIONAL TRAFFIC - CAR FERRY TRAFFIC

	EASTBOUND	WESTBOUND
NUMBER OF EMPTY CARS TRANSPORTED-----	2,742	2,826
NUMBER OF LOADED CARS TRANSPORTED-----	2,566	2,471
NUMBER OF TRIPS, DRAFT 4 TO 9 FEET-----	585	585

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		UPBOUND	DOWNBOUND
TOTAL	112,154	75,986	36,168
0103 CORN	1,303		1,303
1471 PHOSPHATE ROCK	59,075	59,075	
1479 NATURAL FERTILIZER MATS, NEC	22,800		22,800
2042 PREPARED ANIMAL FEEDS	1,252	1,252	
2879 FERTILIZER AND MATERIALS, NEC	10,819	10,819	
3316 IRON AND STEEL PLATES, SHEETS	7,255	70	7,185
3321 NONFERROUS METALS, NEC	1,250		1,250
3411 FABRICATED METAL PRODUCTS	580		580
3511 MACHINERY, EXCEPT ELECTRICAL	2,500	850	1,650
3511 ELECTRICAL MACH AND EQUIP	3,920	3,920	
3731 SHIPS AND BOATS	1,400		1,400
TON-MILES, OCEANGOING	77,560,902		

INTERNAL  
(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	1-BOUND UPBOUND	OUTBOUND UPBOUND	THROUGH UPBOUND	DOWNBOUND	INBOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
TOTAL	146,159,039	499,137	7,119,354	1,244,421	34,144,076	675,362	11,136,864	8,353,665	82,986,220
0131 COTTON, RAW	245								245
0103 CORN	21,303,899		11,761		48,420	1,949	142,812	61,763	29,037,194
0104 OATS	76,091						22,216		53,875
0105 RICE	309,605					3,635	2,082	198,750	105,129
0106 SORGHUM GRAINS	407,337							246,143	161,194
0107 WHEAT	6,343,947		5,655	7,441	68,585	2,945	4,324	1,111,099	5,143,898
0111 SOYBEANS	14,633,907	1,479	6,557	4,635	12,916	4,279	100,497	2,796,652	11,706,892
0119 OILSEEDS, NEC	106,715								106,715
0161 ANIMALS AND PRODUCTS, NEC	360								360
0931 MARINE SHELLS, UNMANUFACTURED	90,050		11,000		39,050				
1011 IRON ORE AND CONCENTRATES	112,319				103,488				8,831
1021 COPPER ORE AND CONCENTRATES	15,392								15,398
1051 ALUMINUM ORES, CONCENTRATES	413,080				411,680				1,400
1061 MANGANESE ORES, CONCENTRATES	304,920		2,125		272,756				30,079
1071 NONFERROUS ORES, CONCENT, NEC	556,641				502,463				56,178
1121 COAL AND LIGNITE	17,147,492		4,287	5,927	241,243		6,296,121	17,761	10,582,153
1311 CRUDE PETROLEUM	5,190,559	9,567	2,279,273	49,947	2,497,550	2,377		234,392	117,493
1411 LIMESTONE	492,787						15,840		476,947
1442 SAND, GRAVEL, CRUSHED ROCK	3,612,261	320,903	11,297	25,831	105,262	342,176	1,136,530	20,982	1,649,300
1451 CLAY	97,164				3,031				54,153
1471 PHOSPHATE ROCK	1,175,408				1,175,408				
1492 SULPHUR, DRY	1,350								1,350
1493 SULPHUR, LIQUID	162,135		82,733		74,262				5,140
1499 NONMETALLIC MINERALS, NEC	4,190,209		16,333		4,116,145				15,531
2014 TALL OIL, ANIMAL FATS AND OILS	296,203				1,429				294,774
2041 WHEAT FLOUR AND SEMOLINA	9,566							845	8,721
2042 PREPARED ANIMAL FEEDS	4,032,489		2,620	1,179	57,523			76,967	3,914,200
2049 GRAIN MILL PRODUCTS, NEC	6,811,519		35,226	1,426	146,728		7,454	1,096,537	5,524,148
2051 SUGAR	329,931				312,785				17,146
2062 MOLASSES	287,315				252,463				34,852
2061 ALCOHOLIC BEVERAGES	1,160								1,160
2191 VEGETABLE OILS, MARG, SHORT	1,198,672		5,043		75,276		3,371	222,524	852,458
2092 ANIMAL OILS AND FATS, NEC	9,651				9,651				
2099 MISCELLANEOUS FOOD PRODUCTS	7,644								7,644
2211 BASIC TEXTILE PRODUCTS	2,266				2,266				
2411 LOGS	309,422	11,500		8,460		17,100	17,574	158,488	95,088
2414 TIMBER, POSTS, POLES, PILING	245				245				
2415 PULPWOOD, LOG	9,804		7,394						2,410
2421 LUMBER	33,665			16,657	11,824		285	1,170	3,779
2431 VENEER, PLYWOOD, WORKED WOOD	7,842			6,838	1,004				
2511 FURNITURE AND FIXTURES	880								880
2611 PULP	114,355			1,310	13,100			96,984	2,961
2621 STANDARD NEWSPRINT PAPER	5,716								5,716
2631 PAPER AND PAPERBOARD	192,875			2,939	11,684		3,560	26,246	108,446
2691 PULP AND PAPER PRODUCTS, NEC	110,063						4,199	4,236	101,628
2810 SODIUM HYDROXIDE	1,021,784		45,420		946,445			4,037	55,882
2811 CRUDE TAR, OIL, GAS PRODUCTS	394,633		3,100		124,149				247,384
2813 ALCOHOLS	1,115,809		34,641		1,070,631				10,537
2817 BENZENE AND TOLUENE	399,400				266,760				192,643
2818 SULPHURIC ACID	46,687		7,292		13,227				26,168
2819 BASIC CHEMICALS AND PROD, NEC	4,315,531		423,056	116,978	7,403,098		7,332	27,067	338,000
2821 PLASTIC MATERIALS	70,333				45,117				5,216
2822 SYNTHETIC RUBBER	14,391		1,664	2,125	10,402				
2823 SYNTHETIC MAN-MADE FIBERS	258								258
2861 GUM AND GUM RESINS	1,427								1,427
2871 NITROGENOUS THEM FERTILIZERS	1,618,566	44,522	197,902	238,915	758,370	3,946	25,178	100,505	449,230
2872 PHOSPHOROUS THEM FERTILIZERS	6,944								6,944
2873 POTASSIUM THEM FERTILIZERS	372,270		22,592	17,749	381,184		725		
2879 FERTILIZER AND MATERIALS, NEC	4,544,314	1,501	138,286	88,508	2,239,892		4,716	19,857	41,564
2911 MISCELLANEOUS CHEMICAL PROD	115,119				84,387				30,732
2911 GASOLINE	4,740,567	35,013	1,133,683	298,022	2,872,061	74,570	132,068	58,259	735,109
2912 PETROLEUM	7,940,485		145,135		213,875		50,739		71,416
2913 KEROSENE	44,827			34,921	21,943			27,983	

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND	OUTBOUND	THROUGH	DOWNBOUND	INBOUND	OUTBOUND	THROUGH
			UPBOUND	UPBOUND	UPBOUND		DOWNBOUND	DOWNBOUND	DOWNBOUND
2914 DISTILLATE FUEL OIL-----	3,218,781	58,851	434,109	248,628	1,541,894	56,262	66,543	126,536	485,958
2915 RESIDUAL FUEL OIL-----	5,944,473	5,228	931,364	6,066	1,302,653	4,965	259,300	223,138	3,211,919
2916 LUBRICATING OILS AND GREASES--	1,153,682		28,628	1,421	857,435		64,063	32,442	169,693
2917 NAPHTHA, PETROLEUM SOLVENTS--	1,012,051	1,400	11,328	16,982	685,984		10,800	72,659	212,918
2918 ASPHALT, TAR, AND BITUMENS--	629,821		41,194	5,454	418,477				164,596
2920 COKE, PETROLEUM COKE-----	1,839,874		30,513	1,375	541,913		1,372	250,734	1,013,967
2921 LIQUEFIED GASES-----	159,346		94,324		25,555			18,572	20,895
2991 PETROLEUM AND COAL PROD, NEC--	76,215			14,850	41,815				13,550
3211 GLASS AND GLASS PRODUCTS-----	41,973				1,414		11,347		29,512
3241 BUILDING CEMENT-----	1,036,903				2,865		118,141	1,910	913,987
3251 STRUCTURAL CLAY PRODUCTS-----	16,465					193			16,272
3271 LIME-----	140,233						68,803		71,430
3291 MISC NONMETALLIC MINERAL PROD--	2,946				928			2,018	
3311 PIG IRON-----	15,793				8,750				7,043
3312 SLAG-----	176,997				22,616	1,405		107,351	45,625
3314 IRON AND STEEL PRIMARY FORMS--	493,353	525	10,242	1,931	99,752	1,281	5,260		374,362
3315 IRON, STEEL SHAPES, EXC SHEET--	488,896		27,173	1,435	221,361		17,017	1,500	220,410
3316 IRON AND STEEL PLATES, SHEETS--	1,177,828		22,114	1,734	317,908	566	80,324	4,369	750,813
3317 IRON AND STEEL PIPE AND TUBE--	596,417		2,905		176,565		8,382		407,965
3318 FERROALLOYS-----	596,958		1,680		550,525				44,753
3319 IRON AND STEEL PRODUCTS, NEC--	423,565		9,514		93,835		15,038		305,178
3321 NONFERROUS METALS, NEC-----	5,112				4,016				1,096
3322 COPPER ALLOYS, UNWORKED-----	9,993				9,993				
3323 LEAD AND ZINC, UNWORKED-----	33,783				27,076				6,707
3324 ALUMINUM AND ALLOYS, UNWORKED--	51,552		2,801		40,008			365	8,378
3411 FABRICATED METAL PRODUCTS-----	97,245				49,565		4,873	3,152	39,655
3511 MACHINERY, EXCEPT ELECTRICAL--	86,596	650	257	599	23,514	350		1,000	54,226
3611 ELECTRICAL MACH AND EQUIP-----	116,188		523		94,559		50	928	20,128
3711 MOTOR VEHICLES, PARTS, EQUIP--	1,205				582				623
3731 SHIPS AND BOATS-----	18,017				4,838				13,179
4011 IRON AND STEEL SCRAP-----	1,220,201			11,658	51,507			98,270	1,058,766
4012 NONFERROUS METAL SCRAP-----	14,970								14,970
4029 WASTE AND SCRAP, NEC-----	60,468								60,468
4112 COMMODITIES, NEC-----	5,601				1,311				4,290
4118 WATERWAY IMPROVEMENT MAT-----	4,123,760	8,000	36,450	1,250		157,303	2,419,948	797,821	702,988
4119 EMPTY CONTAINERS-----	2,024			380	600			1,044	

TON-MILES, INTERNAL, 88,259,302,071.

TONS, ALL TRAFFIC, 146,271,193.

TON-MILES, ALL TRAFFIC, 88,336,862,973.

MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: BATON ROUGE, LA., TO NEW ORLEANS, LA.; LOWER MISSISSIPPI RIVER FROM MILE 236 TO MILE 106. CONTROLLING DEPTH: 40 FEET.  
PROJECT DEPTH: 40 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	VESSEL TRAFFIC (TONS)	RAFTED (TONS)	TOTAL (TONS)	PASSENGERS
1971-----	136,685,284		136,685,284	1,698	1976-----	243,831,754		243,831,754	11,367
1972-----	163,345,088		163,345,088	3,623	1977-----	274,065,803		274,065,803	29,557
1973-----	169,849,105		169,849,105	4,307	1978-----	301,291,370		301,291,370	34,794
1974-----	185,988,142		185,988,142	8,483	1979-----	314,174,557		314,174,557	22,874
1975-----	201,600,768		201,600,768	10,462	1980-----	323,684,566		323,684,566	35,285

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

## FREIGHT TRAFFIC, 1980

CEANGONG

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
TOTAL-----	170,883,725	74,007,991	63,760,592	16,260,986	16,742,192	75,986	36,168
0101 COTTON, RAW-----	3,015		279		2,836		
0103 CORN-----	27,765,466		27,594,871		179,292		1,353
0104 OATS-----	199,342		399,342				
0105 RICE-----	712,427		212,427				
0107 WHEAT-----	3,292,741		3,122,805		171,936		
0111 SOYBEANS-----	13,467,159		13,464,356		2,503		
0119 OILSEEDS, NEC-----	56,287		55,158		1,229		
0121 TOBACCO, LEAF-----	301		301				
0131 FRESH FRUITS AND TREE NUTS-----	1		1				
0133 COFFEE-----	1,269	1,269					
0141 FRESH AND FROZEN VEGETABLES-----	1,048		1,048				
0161 ANIMALS AND PRODUCTS, NEC-----	54		54				



MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
0191 MISCELLANEOUS FARM PRODUCTS	19	19					
0841 CRUDE RUBBER AND ALLIED GUMS	33,897	33,897					
0861 FOREST PRODUCTS, NEC	25	23	2				
1011 IRON ORE AND CONCENTRATES	149,974	149,974					
1051 ALUMINUM ORES, CONCENTRATES	7,078,013	6,925,764	152,249				
1061 MANGANESE ORES, CONCENTRATES	280,874	265,525	15,349				
1091 NONFERROUS ORES, CONCENT, NEC	471,690	469,702	1,988				
1121 COAL AND LIGNITE	382,488	382,488					
1311 CRUDE PETROLEUM	70,957,397	62,504,301		8,253,760	199,336		
1411 LIMESTONE	5,739	5,739					
1451 CLAY	233,725	193,207	40,518				
1471 PHOSPHATE ROCK	6,762,946	248,135		6,455,736		59,075	
1479 NATURAL FERTILIZER MATS, NEC	22,800						22,800
1499 NONMETALLIC MINERALS, NEC	65,893	59,535	3,570		2,698		
1911 ORDNANCE AND ACCESSORIES	2	2					
2012 MEAT AND PRODUCTS, NEC	129	126	3				
2014 TALLOW, ANIMAL FATS AND OILS	272,614		249,908		22,706		
2015 ANIMAL BY-PRODUCTS, NEC	40		40				
2022 DRIED MILK AND CREAM	161		161				
2031 FISH AND SHELLFISH, PREPARED	12		12				
2034 VEGETABLES AND PREP, NEC	173	70	103				
2039 PREP FRUIT AND VEG JUICE, NEC	6,801		6,801				
2041 WHEAT FLOUR AND SEMOLINA	12,812		12,812				
2042 PREPARED ANIMAL FEEDS	9,012,981		8,987,790	2,700	21,239	1,252	
2049 GRAIN MILL PRODUCTS, NEC	91,236		28,696		62,540		
2061 SUGAR	1,014,147	907,900		106,247			
2062 MOLASSES	73,798	62,347	11,451				
2081 ALCOHOLIC BEVERAGES	3,108	76	29	3,003			
2091 VEGETABLE OILS, MARG, SHORT	1,057,740	25,186	1,015,692		16,862		
2092 ANIMAL OILS AND FATS, NEC	70,936		70,936				
2099 MISCELLANEOUS FOOD PRODUCTS	1,081	13	1,068				
2211 BASIC TEXTILE PRODUCTS	169	59	110				
2311 APPAREL	2	2					
2411 LOGS	3,212		3,212				
2414 TIMBER, POSTS, POLES, PILING	7		7				
2421 LUMBER	17,179	3,062	14,117				
2431 VENEER, PLYWOOD, WORKED WOOD	4,498	10	4,488				
2491 WOOD MANUFACTURES, NEC	1,645	510	1,135				
2511 FURNITURE AND FIXTURES	72	8	64				
2611 PULP	364,399		364,399				
2631 PAPER AND PAPERBOARD	284,160	639	283,521				
2691 PULP AND PAPER PRODUCTS, NEC	952		952				
2711 PRINTED MATTER	4	1	3				
2810 SODIUM HYDROXIDE	257,231				257,231		
2811 CRUDE TAR, OIL, GAS PRODUCTS	4,667	4,667					
2812 DYES, PIGMENT, TANNING MATS	1		1				
2813 ALCOHOLS	242,579				242,579		
2817 BENZENE AND TOLUENE	42,401			34,724	7,677		
2818 SULPHURIC ACID	7,090				7,090		
2819 BASIC CHEMICALS AND PROD, NEC	2,541,164	191,634	2,046,452	114,503	188,575		
2821 PLASTIC MATERIALS	24,724		24,724				
2822 SYNTHETIC RUBBER	710		710				
2831 DRUGS	35		35				
2841 SOAP	39		39				
2851 PAINTS	3,538	3,461	77				
2861 GUM AND WOOD CHEMICALS	8,623		8,623				
2871 NITROGENOUS CHEM FERTILIZERS	1,679,837	44,554	1,535,540	5,571	94,172		
2872 POTASSIC CHEM FERTILIZERS	80,006		80,006				
2873 PHOSPHATIC CHEM FERTILIZERS	21,188		14,873	6,315			
2876 INSECTICIDES, DISINFECTANTS	8,594	8,459	135				
2879 FERTILIZER AND MATERIALS, NEC	1,490,526		1,416,166		63,541	10,819	
2891 MISCELLANEOUS CHEMICAL PROD	31,609	13,309	18,300				
2911 GASOLINE	4,089,691	86,036	10,032	200,933	3,792,690		
2912 JET FUEL	436,321			9,385	426,936		
2913 KEROSENE	116,785				116,785		
2914 DISTILLATE FUEL OIL	3,683,540			336,467	3,347,073		
2915 RESIDUAL FUEL OIL	7,806,384	692,694	1,143	618,941	6,493,606		
2916 LUBRICATING OILS AND GREASES	1,220,351	225,610	993,197	33,881	267,663		
2917 NAPHTHA, PETROLEUM SOLVENTS	332,021			40,384	291,637		
2918 ASPHALT, TAR, AND BITUMENS	48,255	40			48,215		
2920 COKE, PETROLEUM COKE	1,214,450	267,134	947,316				
2921 LIQUEFIED GASES	1,413				1,413		
2951 ASPHALT BUILDING MATERIALS	339		339				
2991 PETROLEUM AND COAL PROD, NEC	432,454		56	20,536	411,862		
3011 RUBBER AND MISC PLASTIC PROD	1,260	10	1,250				
3111 LEATHER AND LEATHER PRODUCTS	18	10	8				
3211 GLASS AND GLASS PRODUCTS	5,005	4,952	53				
3241 BUILDING CEMENT	3		3				
3251 STRUCTURAL CLAY PRODUCTS	367	13	354				
3271 CUT STONE AND STONE PRODUCTS	60	36	24				
3291 MISC NONMETALLIC MINERAL PROD	1,974	216	1,758				
3314 IRON AND STEEL PRIMARY FORMS	4,062	4,061	1				
3315 IRON, STEEL SHAPES, ETC SHEET	132,547	132,412	135				
3316 IRON AND STEEL PLATES, SHEETS	15,337	2,566	5,516			70	7,185
3317 IRON AND STEEL PIPE AND TUBE	72,847	72,709	138				
3318 FERRICALLOYS	374,146	333,090	41,056				
3319 IRON AND STEEL PRODUCTS, NEC	516	173	343				
3321 NONFERROUS METALS, NEC	2,144		894				1,250
3322 COPPER ALLOYS, UNWORKED	2,225	11	2,214				
3323 LEAD AND ZINC, UNWORKED	37,816	13,600	24,216				

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
3324 ALUMINUM AND ALLOYS, UNWORKED	12,557	106	12,361				
3411 FABRICATED METAL PRODUCTS	13,364	11,632	1,152				580
3511 MACHINERY, EXCEPT ELECTRICAL	12,917	7,017	3,400			850	1,650
3611 ELECTRICAL MACH AND EQUIP	9,150	2,667	2,563			3,920	
3711 MOTOR VEHICLES, PARTS, EQUIP	7,680	5,935	1,745				
3721 AIRCRAFT AND PARTS	50		50				
3731 SHIPS AND BOATS	1,674		274				1,400
3791 MISC TRANSPORTATION EQUIPMENT	14,720	13,816	904				
3811 INSTR, TIME, PHOTO, OPT GOODS	16		16				
3911 MISC MANUFACTURED PRODUCTS	48	20	28				
4011 IRON AND STEEL SCRAP	365,661		348,161	17,900			
4012 NONFERROUS METAL SCRAP	27,644	7,463	20,181				
4022 TEXTILE WASTE, SCRAP, SWEEP	18						
4024 PAPER WASTE AND SCRAP	601		601				
4112 COMMODITIES, NEC	613	599	14				
9999 DEPARTMENT OF DEFENSE AND SCI	1,549		1,549				
TON-MILES, OCEANGOING: 9,092,623,103.							

INTERNAL  
(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	THROUGH		DOWNBOUND	THROUGH		DOWNBOUND
			UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND	
TOTAL	152,820,841	3,361,852	11,202,598	20,193,659	19,834,371	2,739,610	57,575,450	8,112,672
0101 COTTON, RAW	245						245	
0103 CORN	28,792,413	4,048	14,301	55,450	4,731	10,929	23,048,999	10,333
0104 OATS	23,391						19,599	3,792
0105 RICE	311,532		1,300			7,452	243,769	59,011
0106 SORGHUM GRAINS	407,337						326,721	80,616
0107 WHEAT	6,293,314	1,299	10,469	5,808	10,059	4,225	3,245,309	14,094
0111 SOYBEANS	14,669,985	5,833	251,336	10,338	4,902	18,459	12,038,217	4,658
0119 OILSEEDS, NEC	133,017		25,591				76,725	31,501
0122 HAY AND FODDER	1,431						1,431	
0133 COFFEE	7,891		7,891					
0161 ANIMALS AND PRODUCTS, NEC	3,361				3,001			360
0931 MARINE SHELLS, UNMANUFACTURED	464,350		406,300		58,050			
1011 IRON ORE AND CONCENTRATES	218,334		4,434	106,160				98,909
1021 COPPER ORE AND CONCENTRATES	15,398							15,398
1051 ALUMINUM ORES, CONCENTRATES	477,747			408,900	54,687		12,780	1,400
1051 MANGANESE ORES, CONCENTRATES	305,551		3,339	226,353	56,509		8,686	800
1071 NONFERROUS ORES, CONCENT, NEC	572,931			406,921	95,542		13,765	30,897
1121 COAL AND LIGNITE	9,115,251		80,169	3,433			410,527	2,483
1311 CRUDE PETROLEUM	8,667,789	228,464	2,224,334	1,522,038	3,145,770	238,915	248,155	340,597
1411 LIMESTONE	453,850						434,004	19,846
1442 SAND, GRAVEL, CRUSHED ROCK	1,737,490			61,306	19,335		1,346,993	3,135
1451 CLAY	96,533		35,070	1,742	3,031		8,873	2,537
1471 PHOSPHATE ROCK	1,175,408			242,757	932,651			
1492 SULPHUR, DRY	1,350						1,350	
1493 SULPHUR, LIQUID	1,344,531		1,167,002	85,128	71,867		22,534	
1499 NONMETALLIC MINERALS, NEC	4,319,458	26,547	37,966	333,764	3,812,005	418	39,746	54,811
2014 TALLOW, ANIMAL FATS AND OILS	333,891			1,429			154,777	7,688
2039 PREP FRUIT AND VEG JUICE, NEC	1,820		1,820					
2041 WHEAT FLOUR AND SEMOLINA	15,554		5,988				2,195	7,371
2042 PREPARED ANIMAL FEEDS	4,114,254	2,546	34,732	10,011	54,894	7,466	3,360,382	9,183
2049 GRAIN MILL PRODUCTS, NEC	6,874,846	24,967	8,610	147,881	32,272	13,778	5,034,284	28,470
2061 SUGAR	418,655		65,593	191,825	114,323	12,550	7,211	15,148
2062 MOLASSES	329,057			136,230	120,829	1,273	9,973	15,973
2081 ALCOHOLIC BEVERAGES	834						326	508
2091 VEGETABLE OILS, MARG, SHORT	1,140,089	2,600	13,003	74,029	1,390	900	860,930	19,400
2092 ANIMAL OILS AND FATS, NEC	44,653		34,202		9,851			600
2099 MISCELLANEOUS FOOD PRODUCTS	16,152		8,508					
2211 BASIC TEXTILE PRODUCTS	2,266				2,266			
2411 LOGS	35,197				1,212			54,185
2414 TIMBER, POSTS, POLES, PILING	245			245				
2415 PULP, BOD, LOG	9,804				7,394		2,410	
2421 LUMBER	20,650		3,530		11,824		4,375	347
2431 VENEER, PLYWOOD, WORKED WOOD	1,644		640		1,004			574
2491 WOOD MANUFACTURES, NEC	232							232
2511 FURNITURE AND FIXTURES	880							
2611 PULP	201,907		26,436	13,100		5,340	92,259	57,084
2621 STANDARD NEWSPRINT PAPER	5,714							7,586
2631 PAPER AND PAPERBOARD	191,667		38,358	1,310	6,288	790	81,488	429
2691 PULP AND PAPER PRODUCTS, NEC	115,924		4,801			5,427	104,247	1,449
2810 SODIUM HYDROXIDE	1,799,834	194,648	40,099	712,741	326,171	107,734	3,304	417,337
2811 CRUDE TAR, OIL, GAS PRODUCTS	377,989		28,420	24,748	96,715		12,512	7,824
2813 ALCOHOLS	1,354,896		40,453	572,203	550,426	27,194	45,570	114,674
2817 BENZENE AND TOLUENE	945,391	84,873	276,321	134,345	194,976	46,538	128,548	46,202
2818 SULPHURIC ACID	561,391		77,541	22,703		156,155	25,517	125,411
2819 BASIC CHEMICALS AND PROD, NEC	12,717,425	910,088	195,268	4,211,863	3,602,882	450,684	418,149	476,234
2821 PLASTIC MATERIALS	51,644		5,430	5,197	59,920			5,477
2822 SYNTHETIC RUBBER	22,415		299	5,923	6,273			9,450
2823 SYNTHETIC (MAN-MADE) FIBERS	258						258	
2861 GUM AND WOOD CHEMICALS	1,327							1,327
2871 NITROGENOUS CHEM FERTILIZERS	1,574,290	7,501	27,657	769,319	38,576	90,714	142,451	115,416

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA.  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1988--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND UPBOUND	OUTBOUND UPBOUND	THROUGH UPBOUND	DOWNBOUND	INBOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
2872 POTASSIC CHEM FERTILIZERS----	26,524		5,849				8,966		11,709
2873 PHOSPHATIC CHEM FERTILIZERS----	422,010			395,793	6,457			19,760	
2879 FERTILIZER AND MATERIALS, NEC----	2,563,494	75,579	5,965	1,877,937	472,154	5,541	49,770	72,678	3,870
2891 MISCELLANEOUS CHEMICAL PROD----	123,066			18,247	68,140		10,045	5,947	28,687
2911 GASOLINE-----	7,055,856	210,426	898,992	2,586,115	1,408,976	148,317	328,691	1,175,674	298,865
2912 JET FUEL-----	742,072	8,514	63,043	449,743	127,897	4,815		48,232	40,628
2913 KEROSENE-----	247,096	3,819	99,209	10,461	11,482		47,672	110,453	4,000
2914 DISTILLATE FUEL OIL-----	4,911,205	383,606	413,197	1,653,786	441,245	161,801	187,587	1,286,326	383,657
2915 RESIDUAL FUEL OIL-----	12,634,069	797,626	2,635,392	1,140,129	921,617	1,035,818	2,922,061	2,500,073	681,393
2916 LUBRICATING OILS AND GREASES----	1,380,319	3,940	234,985	173,732	624,926	25,309	27,776	189,345	188,306
2917 NAPHTHA, PETROLEUM SOLVENTS----	1,777,035	111,265	406,204	74,019	629,792	26,838	82,225	238,340	208,960
2918 ASPHALT, TAR, AND PITCHES----	709,083	35,967	52,221	333,127	94,482	8,726	43,279	55,600	85,681
2920 COKE, PETROLEUM COKE-----	2,107,214		273,842	359,374	118,569	32,136	902,386	13,993	406,914
2921 LIQUEFIED GASES-----	172,100			8,618	92,949			49,739	20,794
2991 PETROLEUM AND COAL PROD, NEC----	123,760	1,551	22,784	29,220	12,595	7,790	8,000	28,350	13,590
3211 GLASS AND GLASS PRODUCTS-----	29,512								29,512
3241 BUILDING CEMENT-----	474,136				1,415		265,003		207,718
3251 STRUCTURAL CLAY PRODUCTS-----	16,272						2,890		13,382
3271 LIME-----	4,250								4,250
3291 MISC NONMETALLIC MINERAL PROD----	4,446		1,500	928			2,018		
3311 PIG IRON-----	10,370			7,694	1,056			1,620	
3312 SLAG-----	153,968			20,867	345		12,588		120,168
3314 IRON AND STEEL PRIMARY FORMS----	504,696	350	1,388	12,341	97,046		9,738	46,431	341,402
3315 IRON, STEEL SHAPES, EXC SHEET----	407,639		1,154	10,995	237,174		7,369	27,577	123,370
3316 IRON AND STEEL PLATES, SHEETS----	969,438		14,459	19,164	325,233		10,991	70,435	933,156
3317 IRON AND STEEL PIPE AND TUBE----	638,516		1,300	1,489	177,631		1,357	66,291	390,448
3318 FERROALLOYS-----	618,758	1,192	3,891	432,442	119,234		377	17,246	44,376
3319 IRON AND STEEL PRODUCTS, NEC----	386,478		40,794	2,369	100,915		8,233		234,227
3321 NONFERROUS METALS, NEC-----	5,112				4,016				1,096
3322 COPPER ALLOYS, UNWORKED-----	9,993				9,993				6,707
3323 LEAD AND ZINC, UNWORKED-----	35,055		1,272	14,086	12,990				8,743
3324 ALUMINUM AND ALLOYS, UNWORKED----	52,633		387	2,801	40,008	694			28,548
3411 FABRICATED METAL PRODUCTS-----	87,580		1,613	12,034	36,695		3,450	5,240	54,092
3511 MACHINERY, EXCEPT ELECTRICAL----	78,036		585	2,177	19,788		750	644	19,297
3611 ELECTRICAL MACH AND EQUIP-----	116,797		300	2,806	91,936		1,759	699	623
3711 MOTOR VEHICLES, PARTS, EQUIP----	5,418				582			4,213	13,179
3731 SHIPS AND BOATS-----	21,467		3,450		4,638				
3791 MISC TRANSPORTATION EQUIPMENT----	1,156							1,156	916,544
4011 IRON AND STEEL SCRAP-----	1,238,521		13,759	6,795	24,339	1,250	237,795	38,129	1,096
4012 NONFERROUS METAL SCRAP-----	16,936		870						67,442
4029 WASTE AND SCRAP, NEC-----	127,910								29
4111 WATER-----	71					42			4,290
4112 COMMODITIES, NEC-----	7,170			1,000	1,280		600		256,230
4118 WATERWAY IMPROVEMENT MAT-----	852,030	63,000	37,100	32,250	4,200	75,400	362,890	21,000	1,044
4119 EMPTY CONTAINERS-----	1,689	45			600				

TON-MILES, INTERNAL, 12,120,031,683.

TONS, ALL TRAFFIC, 323,684,566.

TON-MILES, ALL TRAFFIC, 21,212,654,786.

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: NEW ORLEANS, LA., TO MOUTH OF PASSES; LOWER MISSISSIPPI RIVER FROM MILE 106 TO MILE 0 AMPH SOUTH PASS 14.2 MILES;  
SOUTHWEST PASS 21.2 MILES. CONTROLLING DEPTH: 40 FEET. PROJECT DEPTH: 40 FEET THROUGH SOUTHWEST PASS AND BAR CHANNEL, 17 FEET THROUGH  
SOUTH PASS AND BAR CHANNEL.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS		YEAR	TONS	PASSENGERS	
		EXCURSION	REGULAR			EXCURSION	REGULAR
1971-----	162,108,551	256,214	5,207	1976-----	232,614,050	306,355	45,681
1972-----	171,370,861	288,818	6,886	1977-----	266,473,540	305,156	53,013
1973-----	182,338,659	275,601	7,515	1978-----	270,889,613	434,014	53,909
1974-----	193,370,192	246,374	15,249	1979-----	285,407,818	506,466	25,622
1975-----	203,134,329	219,664	22,020	1980-----	292,334,680	488,306	35,291

NOTE: PASSENGER TOTALS ABOVE EXCLUDE FERRY PASSENGERS.

## FREIGHT TRAFFIC, 1980

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL-----	218,642,927	16,725,532	22,431,722	74,046,593	63,858,938	1,406,992	6,993,665	16,361,286	16,818,299
0101 COTTON, RAW-----	49,797		46,782			209			2,806
0102 BARLEY AND RYE-----	110		110						

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
WINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
0103 CORN-----	33,112,760	88	5,324,328	---	27,585,458	---	22,291	---	180,595
0104 OATS-----	486,214	---	86,872	---	399,342	---	---	---	---
0105 RICE-----	329,445	---	117,018	---	212,427	---	---	---	---
0107 WHEAT-----	7,157,842	---	3,411,115	---	3,120,805	---	53,986	---	171,936
0111 SOYBEANS, NEC-----	15,373,767	1	1,906,607	---	13,464,356	---	---	---	2,903
0119 OILSEEDS, NEC-----	103,233	---	46,946	---	55,058	---	---	---	1,229
0121 TOBACCO, LEAF-----	6,980	4,271	2,322	86	301	---	---	---	---
0129 FIELD CROPS, NEC-----	1,545	181	1,363	---	1	---	---	---	---
0131 FRESH FRUITS AND TREE NUTS-----	3,304	243	2,963	54	4	---	---	---	---
0133 COFFEE-----	254,894	248,360	2,269	4,265	---	---	---	---	---
0134 COCOA BEANS-----	3,094	---	---	---	---	---	---	---	---
0141 FRESH AND FROZEN VEGETABLES-----	11,082	132	9,257	---	1,693	---	---	---	---
0161 ANIMALS AND PRODUCTS, NEC-----	3,666	75	3,529	7	55	---	---	---	---
0191 MISCELLANEOUS FARM PRODUCTS-----	442	409	14	19	---	---	---	---	---
0841 CRUDE RUBBER AND ALLIED GUMS-----	152,983	118,023	1,038	33,897	25	---	---	---	---
0861 FOREST PRODUCTS, NEC-----	10,697	9,258	1,414	23	2	---	---	---	---
0911 FRESH FISH, EXCEPT SHELLFISH-----	867	390	477	---	---	---	---	---	---
0912 SHELLFISH, EXCEPT PREPARED-----	180	177	3	---	---	---	---	---	---
1011 IRON ORE AND CONCENTRATES-----	175,939	25,832	133	149,974	---	---	---	---	---
1021 COPPER ORE AND CONCENTRATES-----	11,143	3,622	7,521	---	---	---	---	---	---
1051 ALUMINUM ORES, CONCENTRATES-----	7,521,357	406,654	30,563	6,931,452	152,688	---	---	---	---
1061 MANGANESE ORES, CONCENTRATES-----	390,653	107,380	2,171	265,525	15,777	---	---	---	---
1091 NONFERROUS ORES, CONCENT, NEC-----	612,345	123,720	11,952	469,702	1,988	---	---	---	4,983
1121 COAL AND LIGNITE-----	6,820,707	---	3,491,312	---	382,534	---	2,946,861	---	---
1311 CRUDE PETROLEUM-----	81,245,372	10,139,522	---	62,504,301	148,453	---	8,253,760	---	199,336
1411 LIMESTONE-----	154,166	144,111	2,562	17,434	59	---	---	---	---
1421 SAND, GRAVEL, CRUSHED ROCK-----	16,417	12,793	3,624	---	---	---	---	---	---
1451 CLAY-----	954,660	620,012	88,493	193,207	52,948	---	---	---	---
1471 PHOSPHATE ROCK-----	7,617,249	185,433	11	253,123	---	637,638	26,233	8,514,811	---
1479 NATURAL FERTILIZER MATS, NEC-----	22,800	---	---	---	---	---	---	---	22,800
1492 SULPHUR, DRY-----	282,356	---	282,350	---	6	---	---	---	---
1493 SULPHUR, LIQUID-----	2,021,688	---	---	---	---	255,797	1,765,891	---	---
1499 NONMETALLIC MINERALS, NEC-----	220,866	37,428	43,618	63,153	12,398	23,292	1,273	18,647	21,057
1911 ORDNANCE AND ACCESSORIES-----	139	15	121	2	1	---	---	---	---
2011 MEAT, FRESH, CHILLED, FROZEN-----	10,160	3,450	5,360	1,350	---	---	---	---	---
2012 MEAT AND PRODUCTS, NEC-----	18,066	17,050	703	126	187	---	---	---	---
2014 TALLOW, ANIMAL FATS AND OILS-----	597,334	---	284,720	---	249,908	---	---	---	22,706
2015 ANIMAL BY-PRODUCTS, NEC-----	1,104	---	1,064	---	40	---	---	---	---
2021 DAIRY PRODUCTS, NEC-----	703	301	384	---	18	---	---	---	---
2022 DRIED MILK AND CREAM-----	6,199	101	5,759	---	339	---	---	---	---
2031 FISH AND SHELLFISH, PREPARED-----	962	577	361	---	24	---	---	---	---
2034 VEGETABLES AND PREP, NEC-----	14,400	3,109	10,836	255	250	---	---	---	---
2039 PREP FRUIT AND VEG JUICE, NEC-----	16,971	2,904	6,928	282	6,857	---	---	---	---
2041 WHEAT FLOUR AND SEMOLINA-----	120,664	---	107,650	---	13,014	---	---	---	---
2042 PREPARED ANIMAL FEEDS-----	11,125,055	53	2,999,521	---	8,991,006	1,350	7,934	3,952	21,239
2049 GRAIN MILL PRODUCTS, NEC-----	282,599	64	187,224	---	28,892	---	3,879	---	62,540
2061 SUGAR-----	2,000,556	473,706	369,037	911,297	140,269	---	---	106,247	---
2062 MOLASSES-----	290,939	162,988	16,964	62,347	11,451	3,801	3,388	---	---
2081 ALCOHOLIC BEVERAGES-----	42,007	34,856	3,761	122	265	---	---	3,003	---
2091 VEGETABLE OILS, MARG, SHORT-----	1,460,343	120,481	268,833	26,785	1,017,382	---	---	---	16,862
2092 ANIMAL OILS AND FATS, NEC-----	127,131	3,230	52,965	---	70,936	---	---	---	---
2099 MISCELLANEOUS FOOD PRODUCTS-----	44,654	15,477	27,885	96	1,196	---	---	---	---
2111 TOBACCO MANUFACTURES-----	56	6	80	---	---	---	---	---	---
2211 BASIC TEXTILE PRODUCTS-----	51,205	43,579	6,811	191	624	---	---	---	---
2212 TEXTILE FIBERS, NEC-----	2,003	1,058	945	---	---	---	---	---	---
2311 APPAREL-----	759	419	303	32	5	---	---	---	---
2411 LOGS-----	78,500	10	75,278	---	3,212	---	---	---	---
2413 FUEL WOOD, CHARCOAL, WASTES-----	999	---	999	---	---	---	---	---	---
2414 TIMBER, POSTS, POLES, PILING-----	740	202	531	---	7	---	---	---	---
2421 LUMBER-----	97,684	31,377	48,230	3,127	14,350	---	---	---	---
2431 VENEER, PLYWOOD, WORKED WOOD-----	73,895	62,494	6,881	32	4,488	---	---	---	---
2491 WOOD MANUFACTURES, NEC-----	18,135	8,049	7,971	938	1,177	---	---	---	---
2511 FURNITURE AND FIXTURES-----	5,933	2,730	3,097	12	94	---	---	---	---
2611 PULP-----	513,405	---	149,016	---	364,589	---	---	---	---
2631 PAPER AND PAPERBOARD-----	589,622	33,957	268,033	643	286,989	---	---	---	---
2691 PULP AND PAPER PRODUCTS, NEC-----	7,787	77	6,506	---	1,204	---	---	---	---
2711 PRINTED MATTER-----	429	82	319	2	26	---	---	---	---
2810 SODIUM HYDROXIDE-----	274,385	---	---	---	---	---	---	4,142	270,238
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	14,139	8,863	609	4,667	---	---	---	---	---
2812 DYES, PIGMENT, TANNING MATS-----	1,101	---	1,100	---	1	---	---	---	---
2813 ALCOHOLS-----	243,045	---	466	---	---	---	---	---	242,579
2816 RADIOACTIVE MATERIALS, WASTES-----	77	---	77	---	---	---	---	---	---
2817 BENZENE AND TOLUENE-----	74,344	---	---	---	---	31,943	---	34,724	7,677
2818 SULPHURIC ACID-----	7,097	---	---	---	---	---	---	---	7,090
2819 BASIC CHEMICALS AND PROD, NEC-----	3,228,071	216,810	427,377	191,650	2,051,665	23,606	13,895	114,503	188,575
2821 PLASTIC MATERIALS-----	126,913	1,434	98,719	40	26,720	---	---	---	---
2822 SYNTHETIC RUBBER-----	26,596	---	25,202	---	1,394	---	---	---	---
2823 SYNTHETIC (MAN-MADE) FIBERS-----	6,685	357	6,327	---	1	---	---	---	---
2831 DRUGS-----	2,414	365	1,970	---	70	---	---	---	---
2841 SOAP-----	13,462	592	9,672	25	149	3,064	---	---	---
2851 PAINTS-----	49,026	35,231	10,382	3,507	206	---	---	---	---
2861 GUM AND WOOD CHEMICALS-----	17,067	---	8,421	---	8,646	---	---	---	---
2871 NITROGENOUS CHEM FERTILIZERS-----	1,905,705	16,296	190,354	44,554	1,536,847	---	17,911	5,471	94,172
2872 POTASSIC CHEM FERTILIZERS-----	90,485	---	459	---	90,026	---	---	---	---
2873 PHOSPHATIC CHEM FERTILIZERS-----	38,279	16,574	517	---	14,873	---	---	6,315	---
2876 INSECTICIDES, DISINFECTANTS-----	31,795	11,871	10,958	8,459	507	---	---	---	---
2879 FERTILIZER AND MATERIALS, NEC-----	1,674,194	20	109,342	---	1,420,672	---	---	10,819	63,541
2891 MISCELLANEOUS CHEMICAL PROD-----	184,564	2,124	149,335	13,846	19,239	---	---	---	---
2911 GASOLINE-----	4,624,493	6	10,651	86,036	10,032	49,657	474,478	270,931	3,792,690
2912 JET FUEL-----	546,715	---	---	---	---	---	110,394	6,354	426,936

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2913 KEROSENE-----	118,314		27				1,502		116,785
2914 DISTILLATE FUEL OIL-----	3,844,560		59				162,961	336,467	3,347,073
2915 RESIDUAL FUEL OIL-----	9,351,455	409,429		692,694	1,143	169,944	965,698	618,941	6,493,606
2916 LUBRICATING OILS AND GREASES-----	1,490,586	79,188	164,092	225,610	694,905	25,247		33,881	267,663
2917 NAPHTHA, PETROLEUM SOLVENTS-----	470,631						138,610	40,384	291,637
2918 ASPHALT, TAR, AND BITUMENS-----	59,829	3,008	39	40	1,255	7,272			48,215
2920 COKE, PETROLEUM COKE-----	1,988,875	259,289	497,258	267,134	969,234				
2921 LIQUEFIED GASES-----	157,893		221			32,232	124,027		1,413
2921 ASPHALT BUILDING MATERIALS-----	4,106		3,693		413				
2991 PETROLEUM AND COAL PROD., NEC-----	459,790	3,307	21,888			317	1,880	20,536	411,862
3011 RUBBER AND MISC PLASTIC PROD-----	57,083	11,824	43,412	89	1,788				
3111 LEATHER AND LEATHER PRODUCTS-----	998	998	344	11	25				
3211 GLASS AND GLASS PRODUCTS-----	38,919	936	32,741	4,953	289				
3241 BUILDING CEMENT-----	29,184	25,806	3,375		3				
3251 STRUCTURAL CLAY PRODUCTS-----	42,024	3,529	37,969	13	913				
3271 LIME-----	567		567						
3281 CUT STONE AND STONE PRODUCTS-----	4,074	3,884	111	55	24				
3291 MISC NONMETALLIC MINERAL PROD-----	11,223	3,223	5,952	224	1,824				
3314 IRON AND STEEL PRIMARY FORMS-----	181,905	6,331	171,516	4,061	1				
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,399,863	1,207,574	59,660	132,412	217				
3316 IRON AND STEEL PLATES, SHEETS-----	222,331	15,043	192,563	2,566	5,684			70	8,385
3317 IRON AND STEEL PIPE AND TUBE-----	572,646	422,661	76,358	72,718	209			700	
3318 FERROALLOYS-----	667,983	277,883	15,954	333,090	41,056				
3319 IRON AND STEEL PRODUCTS, NEC-----	56,162	35,724	19,877	193	388				
3321 NONFERROUS METALS, NEC-----	32,455	2,086	28,154		965				1,250
3322 COPPER ALLOYS, UNWORKED-----	96,790	77,938	16,619	11	2,222				
3323 LEAD AND ZINC, UNWORKED-----	56,649	8,841	9,992	13,600	24,216				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	221,621	89,114	118,955	186	13,356				
3411 FABRICATED METAL PRODUCTS-----	167,219	102,508	49,370	11,863	5,958				580
3511 MACHINERY, EXCEPT ELECTRICAL-----	290,089	63,724	170,824	7,135	5,636			850	2,500
3611 ELECTRICAL MACH AND EQUIP-----	82,592	24,594	46,334	2,844	2,990			4,980	850
3711 MOTOR VEHICLES, PARTS, EQUIP-----	51,065	15,678	27,042	5,950	2,398				
3721 AIRCRAFT AND PARTS-----	543	50	7,443		50				
3731 SHIPS AND BOATS-----	18,315	102	15,651		387			85	2,090
3791 MISC TRANSPORTATION EQUIPMENT-----	41,238	23,889	2,974	13,846	960				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	2,095	256	1,789	4	50				
3911 MISC MANUFACTURED PRODUCTS-----	497,158	2,342	1,532	40	118				
4011 IRON AND STEEL SCRAP-----	497,158		115,800	10	363,807			17,500	
4012 NONFERROUS METAL SCRAP-----	79,275	7,137	44,370	7,483	20,285				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	3,214	1,832	1,235	110	37				
4024 PAPER WASTE AND SCRAP-----	2,146		1,545		601				
4112 COMMODITIES, NEC-----	13,302	8,399	3,617	1,143	143				
9999 DEPARTMENT OF DEFENSE AND SCI-----	13,922		12,373		1,549				

TON-MILES, OCEANGOING, 26,248,931,071.

INTERNAL  
(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND UPBOUND	OUTBOUND UPBOUND	THROUGH UPBOUND	DOWNBOUND	INBOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
TOTAL -----	73,691,753	1,474,964	4,979,258	11,583,570	12,826,201	2,762,888	25,692,802	729,525	13,441,345
0101 COTTON, RAW-----	1,521						1,521		
0103 CORN-----	5,678,278		2,974	32,711	4,176	1,525	5,202,611	2,860	431,421
0104 OATS-----	3,792						3,792		
0105 RICE-----	68,204				1,300		52,351		14,553
0106 SORGHUM GRAINS-----	77,548		207				77,341		
0107 WHEAT-----	3,061,367		5,945	12,887	7,641	2,982	3,015,435		16,477
0111 SOYBEANS-----	2,612,546		8,463	13,970	234,646		2,263,793	1,093	90,581
0119 OILSEEDS, NEC-----	98,726		4,634		25,591		28,501		
0133 COFFEE-----	8,153			7,911				242	
0161 ANIMALS AND PRODUCTS, NEC-----	12,289			8,926	1,457		360		1,546
0191 MISCELLANEOUS FARM PRODUCTS-----	156							156	
0841 CRUD RUBBER AND ALLIED GUMS-----	226			226					
0911 FRESH FISH, EXCEPT SHELLFISH-----	121				121				
0912 SHELLFISH, EXCEPT PREPARED-----	20,284		8,767		11,517				
0931 MARINE SHELLS, UNMANUFACTURED-----	1,786,830		98,000		590,000		110,080		986,750
1011 IRON ORE AND CONCENTRATES-----	134,572			4,434	7,761		13,642	11,666	97,069
1021 COPPER ORE AND CONCENTRATES-----	15,396						13,798		1,600
1031 ALUMINUM ORES, CONCENTRATES-----	70,120			25,201	32,139				12,780
1061 MANGANESE ORES, CONCENTRATES-----	68,944			14,814	42,634		8,916	350	2,230
1091 NONFERROUS ORES, CONCENT, NEC-----	127,256		6,988	34,287	48,305		5,279		32,397
1121 COAL AND LIGNITE-----	6,702,415			1,498	80,169	1,357	5,544,267		3,075,124
1311 CRUDE PETROLEUM-----	11,270,556	379,524	1,399,788	3,818,487	2,495,129	750,817	1,051,240	40,734	1,334,839
1411 LIMESTONE-----	4,585						9,898		4,585
1442 SAND, GRAVEL, CRUSHED ROCK-----	294,086			4,179			96,936	7,239	135,832
1451 CLAY-----	342,603		18,980	408	140,952		10,746	995	170,432
1471 PHOSPHATE ROCK-----	934,131			934,131					
1493 SULPHUR, LIQUID-----	4,506,966		1,079,210	1,129,408	151,661		146,687		
1499 NONMETALLIC MINERALS, NEC-----	1,527,996		8,986	71,566	1,254,576		1,386	4,200	187,276
1911 ORDNANCE AND ACCESSORIES-----	1,039		1,039						
2012 MEAT AND PRODUCTS, NEC-----	2,794		29					2,765	
2014 TALLOW, ANIMAL FATS AND OILS-----	164,356	1,930	11,526		3,646		139,895	1,221	6,138
2022 DRIED MILK AND CREAM-----	1,132		1,132						
2039 DRIED FRUIT AND VEG JUICE, NEC-----	1,821				1,820				

## MISSISSIPPI RIVER

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MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES  
(INCLUDED IN TRAFFIC OF MISSISSIPPI RIVER,  
MINNEAPOLIS TO MOUTH OF PASSES)--CONTINUED

FREIGHT TRAFFIC, 1980--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND UPBOUND	OUTBOUND UPBOUND	THROUGH UPBOUND	DOWNBOUND	INBOUND DOWNBOUND	OUTBOUND DOWNBOUND	THROUGH DOWNBOUND
2041 WHEAT FLOUR AND SEMOLINA	20,978		6,563		5,988		8,427		
2042 PREPARED ANIMAL FEEDS	763,910	1,346	26,053	53,211	38,974		641,303		3,023
2049 GRAIN MILL PRODUCTS, NEC	1,692,949	50	35,349	30,620	11,618		1,604,929	369	10,014
2061 SUGAR	273,606		14,275	94,713	51,633		112,985		
2062 MOLASSES	180,858	2,642		119,511	2,781	1,232	41,460	1,350	11,882
2081 ALCOHOLIC BEVERAGES	508						508		
2091 VEGETABLE OILS, MARG, SHORT	220,826	6,119	8,617	6,990	8,497	4,883	180,122		6,200
2092 ANIMAL OILS AND FATS, NEC	49,522		4,727		40,895		600		3,300
2094 GROCERIES	946				21			78	847
2095 ICE	3				3				
2099 MISCELLANEOUS FOOD PRODUCTS	25,193		4,087	4,470	8,508		8,013	115	
2211 BASIC TEXTILE PRODUCTS	4,362		425	3,434	7			496	
2212 TEXTILE FIBERS, NEC	3,093			2,518			295	280	
2311 APPAREL	37			37					
2411 LOGS	55,420				1,235		54,185		
2414 TIMBER, POSTS, POLES, PILING	3,590		393	1,554	762		583		298
2415 PULPWOOD, LOG	7,394				7,394				
2421 LUMBER	23,636		2,522	11,824	3,769		1,485	3,103	933
2431 VENEER, PLYWOOD, WORKED WOOD	1,703			1,004	640			59	
2491 WOOD MANUFACTURES, NEC	299			18	49				232
2611 PULP	110,243		18,626		26,438		65,179		
2621 STANDARD NEWSPRINT PAPER	243		243						
2631 PAPER AND PAPERBOARD	164,364		61,313	11,654	32,229		45,188	6,523	5,459
2691 PULP AND PAPER PRODUCTS, NEC	5,292		241		4,893		158		
2810 SODIUM HYDROXIDE	801,555		2,925	5,020	232,271		74,135	1,400	485,804
2811 CRUDE TAR, OIL, GAS PRODUCTS	227,186	28,959	29,524	69,085	36,488	14,703	8,765	7,126	32,536
2813 ALCOHOLS	186,718	1,350	5,120	20,628	56,543		20,274	1,402	81,401
2817 BENZENE AND TOLUENE	355,619	14,196	1,400	85,475	195,728		11,380	5,743	41,697
2818 SULPHURIC ACID	156,353			61,581	10,180		80,848		23,744
2819 BASIC CHEMICALS AND PROD, NEC	1,672,718	17,068	97,547	111,987	817,855		41,637	18,774	567,850
2821 PLASTIC MATERIALS	15,219		1,417		7,361		577		5,864
2822 SYNTHETIC RUBBER	41,736		2,404	5,171	299		3,138	21,075	9,649
2861 GUM AND WOOD CHEMICALS	121		121						
2871 NITROGENOUS CHEM FERTILIZERS	486,186	1,802	3,165	72,386	22,041		226,270	25,645	134,869
2872 POTASSIC CHEM FERTILIZERS	299,762				155,947				143,815
2873 PHOSPHATIC CHEM FERTILIZERS	26,217			6,457					19,760
2876 INSECTICIDES, DISINFECTANTS	110						110		
2879 FERTILIZER AND MATERIALS, NEC	673,563		10,562	75,413	436,215		34,682		116,631
2891 MISCELLANEOUS CHEMICAL PROD	16,839	1,000	159	3,237	10		7,215		5,218
2911 GASOLINE	3,729,212	81,271	138,682	1,282,541	1,001,786	12,958	272,803	9,529	930,542
2912 JET FUEL	197,628		10,385	2,822	131,792				52,629
2913 KEROSENE	160,524	1,338		1,837	46,896		2,206		108,247
2914 DISTILLATE FUEL OIL	4,636,737	148,566	85,065	386,894	412,218	19,280	540,168	191,871	852,675
2915 RESIDUAL FUEL OIL	10,861,073	719,091	1,349,505	1,406,820	2,376,698	1,913,775	2,048,621	37,041	1,009,522
2916 LUBRICATING OILS AND GREASES	456,276	3,365	57,437	13,446	240,826	7,004	64,716	1,790	67,512
2917 NAPHTHA, PETROLEUM SOLVENTS	850,118	11,901	40,027	20,920	331,415	13,421	45,243	41,163	346,028
2918 ASPHALT, TAR, AND BITUMENS	153,150			5,031	63,620		14,634	1,504	68,361
2920 COKE, PETROLEUM COKE	937,493	40,560	42,319	314,494	122,417		351,050		66,653
2921 LIQUEFIED GASES	828,718	1,599	193,021	63,381	26,431		323,786	47,064	173,436
2991 PETROLEUM AND COAL PROD, NEC	101,088	7,822	2,043	3,257	19,447	2,205	19,464	2,283	44,567
3211 GLASS AND GLASS PRODUCTS	28,955	1,000					27,942		113
3241 BUILDING CEMENT	302,780		311	454	63,235		5,228	337	233,265
3251 STRUCTURAL CLAY PRODUCTS	7,025						1,400		5,625
3271 LIME	38						38		
3281 CUT STONE AND STONE PRODUCTS	10							10	
3291 MISC NONMETALLIC MINERAL PROD	37,710		9,776		22,834		3,000		2,100
3311 PIG IRON	6,602			1,064				4,590	2,988
3312 SLAG	118,271	138		345	525		114,175		3,088
3314 IRON AND STEEL PRIMARY FORMS	352,545		719	97,285	2,219		178,460	22,226	51,636
3315 IRON, STEEL SHAPES, EXC SHEET	338,511		2,729	216,724	1,583	1,804	60,773	11,054	44,044
3316 IRON AND STEEL PLATES, SHEETS	740,990	758	13,223	312,278	58,245	1,406	159,400	57,891	137,886
3317 IRON AND STEEL PIPE AND TUBE	463,470		4,185	133,365	36,918	2,774	46,407	90,338	140,583
3318 FERROALLOYS	172,592			101,015	18,220		21,967	6,807	24,583
3319 IRON AND STEEL PRODUCTS, NEC	178,208	1,369	902	95,261	4,981		37,402	10,671	27,622
3321 NONFERROUS METALS, NEC	3,713			2,617			1,096		
3322 COPPER ALLOYS, UNWORKED	11,113			11,096					
3323 LEAD AND ZINC, UNWORKED	17,356		667	10,118	1,272		5,299		
3324 ALUMINUM AND ALLOYS, UNWORKED	33,533			25,521	387		7,625		
3411 FABRICATED METAL PRODUCTS	86,974		7,546	33,774	10,855		19,539	5,223	10,537
3511 MACHINERY, EXCEPT ELECTRICAL	95,621		2,257	18,965	11,550		45,454	1,954	17,241
3611 ELECTRICAL MACH AND EQUIP	7,413			1,649	4,757			262	705
3711 MOTOR VEHICLES, PARTS, EQUIP	4,844		1,523	1,182	19	362	623	717	4,418
3731 SHIPS AND BOATS	12,842		249		9,448		46	157	2,942
3791 MISC TRANSPORTATION EQUIPMENT	2,337				2			1,107	1,228
3911 MISC MANUFACTURED PRODUCTS	145,232		4,899		44,134		6,573	1,102	89,027
4011 IRON AND STEEL SCRAP	695,561		12,161	16,587	172,669		113,709	1,931	178,323
4012 NONFERROUS METAL SCRAP	16,616		1,681		870		16,066		
4029 WASTE AND SCRAP, NEC	51,734		1,057		16,038			5	34,634
4111 WATER	339,039		335	22	169,159		76		169,447
4112 COMMODITIES, NEC	78,221		2,689	8,125	22,647		28,796	2,483	13,481
4118 WATERWAY IMPROVEMENT MAT	330,030			21,000	20,370	10,000	288,580		10,150
4119 EMPTY CONTAINERS	2,215			600	177		110	459	969

TON-MILES, INTERNAL, 1,781,568,704.

TONS, ALL TRAFFIC, 292,334,680.

TON-MILES, ALL TRAFFIC, 28,030,499,775.

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PASSES OF THE MISSISSIPPI RIVER (INCLUDED IN TRAFFIC OF  
MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)

SECTION INCLUDED: SOUTH PASS, 14.2 MILES; SOUTHWEST PASS, 21.2 MILES; CONTROLLING DEPTH: SOUTH PASS, 23 FEET; SOUTHWEST PASS, 36 FEET; SOUTH PASS, 30 FEET; SOUTHWEST PASS, 40 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	CARGOES IN TRANSIT	PASSENGERS	YEAR	CARGOES IN TRANSIT	PASSENGERS
1971-----	94,519,597	3,656	1976-----	193,740,946	34,484
1972-----	95,098,128	3,446	1977-----	185,916,939	25,869
1973-----	174,022,029	3,633	1978-----	196,748,208	20,692
1974-----	113,510,737	6,041	1979-----	211,744,701	-----
1975-----	124,211,012	11,769	1980-----	218,365,307	6

PRINCIPAL PORTS ON MISSISSIPPI RIVER (INCLUDED IN TRAFFIC  
OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSES)

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	MINNEAPOLIS, MINN.	ST. PAUL, MINN.	MEMPHIS, TENN.	HELENA, ARK.	GREENVILLE, MISS.	LAKE PROVIDENCE, LA.	VICKSBURG, MISS.	NATCHEZ, MISS.
	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
TOTAL TRAFFIC:								
1971-----	1,303,132	4,827,607	10,404,823	2,377,060	1,793,974	439,196	2,370,389	646,174
1972-----	1,671,323	5,259,621	10,612,101	2,672,209	2,278,634	366,387	2,571,546	898,682
1973-----	1,849,783	5,081,428	10,392,243	3,224,197	2,374,822	282,022	2,787,239	501,433
1974-----	2,526,968	5,143,251	11,096,770	3,236,699	2,427,011	375,257	2,854,131	1,162,865
1975-----	3,177,355	4,925,554	11,648,641	2,783,445	2,783,043	320,055	2,525,399	759,479
1976-----	3,086,506	5,977,521	12,046,218	3,051,064	2,739,055	513,193	3,001,314	664,773
1977-----	2,513,142	6,809,376	11,894,972	3,510,229	3,036,199	369,935	3,107,608	654,298
1978-----	2,150,674	9,689,785	13,157,806	3,195,490	3,341,285	522,566	3,433,089	911,965
1979-----	2,488,910	11,248,111	12,346,022	2,551,946	3,329,698	664,410	3,838,205	787,542
1980-----	2,246,839	10,524,472	11,451,998	2,706,260	2,706,791	812,435	3,362,267	605,701
PASSENGERS:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1971-----	-----	1,394	953	4,449	-----	-----	-----	-----
1972-----	-----	127,925	1,271	2,321	-----	-----	330	-----
1973-----	-----	166,664	888	-----	-----	-----	-----	542
1974-----	500	187,169	1,002	338	56	-----	2098	836
1975-----	-----	1,447	-----	-----	-----	-----	384	3,516
1976-----	12,248	184,114	-----	-----	-----	-----	580	1,730
1977-----	-----	406,163	944	-----	50	-----	-----	5,614
1978-----	-----	187,694	-----	-----	60	-----	21,767	13,629
1979-----	-----	3,124	-----	-----	-----	-----	12,842	14,544
1980-----	-----	50,284	-----	-----	-----	-----	18,598	17,029

## FREIGHT TRAFFIC, 1980

## (SHORT TONS)

COMMODITY	MINNEAPOLIS, MINN.	ST. PAUL, MINN.	MEMPHIS, TENN.	HELENA, ARK.	GREENVILLE, MISS.	LAKE PROVIDENCE, LA.	VICKSBURG, MISS.	NATCHEZ, MISS.
TOTAL, ALL TRAFFIC-----	2,246,839	10,524,472	11,451,998	2,706,260	2,706,791	812,435	3,362,267	605,701
COASTWISE RECEIPTS								
1471 PHOSPHATE ROCK-----			1,350					
3316 IRON AND STEEL PLATES, SHEETS-----			70					
TOTAL-----			1,420					
COASTWISE SHIPMENTS								
3316 IRON AND STEEL PLATES, SHEETS-----							1,250	
3321 NONFERROUS METALS, NEC-----							1,250	
3731 SHIPS AND BOATS-----								
TOTAL-----			1,400				2,500	
INTERNAL RECEIPTS								
0133 CORN-----	2,984		328,411	10,806	34,795	24,060	83,796	
0134 OATS-----						11,803	31,671	
0105 RICE-----							4,162	5,717
0107 WHEAT-----		3,604	10,657			2,945		
0111 SOYBEANS-----		1,483	136,002	7,510	2,879		17,604	
0931 MARINE SHELLS, UNMANUFACTURED-----		11,737						
1001 MANGANESE ORES, CONCENTRATES-----			14,329					
1091 NONFERROUS ORES, CONCENT, NEC-----			54,205					
1121 COAL AND LIGNITE-----	77,601	434,725	1,622,633	11,143	33,512		19,721	
1311 CRUDE PETROLEUM-----			1,763,409		21,202		639,340	32,225
1411 LIMESTONE-----		37,285	23,097				4,248	
1442 SAND, GRAVEL, CRUSHED ROCK-----	425,445	1,644,970	692,424	951	221,976	88,296	30,969	6,116
1493 SULPHUR, LIQUID-----				47,733				
1499 NONMETALLIC MINERALS, NEC-----	13,350	156,422	17,434					
2042 PREPARED ANIMAL FEEDS-----			1,269					
2049 GRAIN MILL PRODUCTS, NEC-----			11,166	1,981	9,194	1,280	8,223	
2062 MOLASSES-----		21,547	10,965					
2031 ALCOHOLIC BEVERAGES-----							326	
2091 VEGETABLE OILS, MARG, SHORT-----			65,459	3,371				
2032 ANIMAL OILS AND FATS, NEC-----		5,096						
2211 BASIC TEXTILE PRODUCTS-----		1,000						

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FREIGHT TRAFFIC, 1980--CONTINUED

(SHORT TONS)

COMMODITY	MINNEAPOLIS, MINN.	ST. PAUL, MINN.	MEMPHIS, TENN.	MEMPHIS, ARK.	GREENVILLE, MISS.	LAKE PROVIDENCE, LA.	VICKSBURG, MISS.	NATCHEZ, MISS.
INTERNAL RECEIPTS--CONTINUED								
2411 LOGS-----			45,449		16,800		179,296	10,000
2419 PULPMOOD, LOG-----								7,394
2421 LUMBER-----								285
2631 PAPER AND PAPERBOARD-----		2,866						
2691 PULP AND PAPER PRODUCTS, NEC-----							1,505	2,255
2810 SODIUM HYDROXIDE-----		34,802	102,644		9,200		168	4,199
2811 CRUDE TAR, OIL, GAS PRODUCTS-----		1,314	25,388		3,100			
2813 ALCOHOLS-----	5,289	9,223	15,242					
2817 BENZENE AND TOLUENE-----		3,552	3,189					
2818 SULPHURIC ACID-----				7,292				
2819 BASIC CHEMICALS AND PROD, NEC-----			48,840	56,853	11,039		6,438	1,692
2822 SYNTHETIC RUBBER-----			5,846					1,864
2871 NITROGENOUS CHEM FERTILIZERS-----	1,592	16,464	58,119	14,216	65,360	2,239	4,836	
2873 PHOSPHATIC CHEM FERTILIZERS-----			14,773	14,499				
2879 FERTILIZER AND MATERIALS, NEC-----	6,461	33,827	73,679			47,601	13,021	
2891 MISCELLANEOUS CHEMICAL PROD-----		3,873						
2911 GASOLINE-----		531,190	1,773,063		408,751		424,741	32,442
2912 JET FUEL-----		46,790	331,622					
2914 DISTILLATE FUEL OIL-----	23,078	127,136	675,059		288,813		163,913	2,540
2915 RESIDUAL FUEL OIL-----	4,968	6,441	80,874	268,391	700,450		144,182	
2916 LUBRICATING OILS AND GREASES-----		37,309	23,946				53,861	3,550
2917 NAPHTHA, PETROLEUM SOLVENTS-----		17,971	6,373		2,455		6,900	
2918 ASPHALT, TAR, AND BITUMENS-----	8,354	99,461	93,740					
2920 COKE, PETROLEUM COKE-----							5,181	
2921 LIQUEFIED GASES-----			25,555		94,324			
3211 GLASS AND GLASS PRODUCTS-----							11,047	
3241 BUILDING CEMENT-----	144,992		394,602				49,989	118,141
3251 STRUCTURAL CLAY PRODUCTS-----								193
3271 LIME-----						39,612	56,099	17,609
3311 PIG IRON-----		1,699						
3312 SLAG-----			11,985					
3314 IRON AND STEEL PRIMARY FORMS-----	1,400	1,913	39,178		5,020		13,873	3,702
3315 IRON, STEEL SHAPES, EXC SHEET-----	5,986	14,964	39,640		17,814		16,172	8,425
3316 IRON AND STEEL PLATES, SHEETS-----	24,215	36,768	144,645	3,127	15,861		17,640	4,973
3317 IRON AND STEEL PIPE AND TUBE-----	2,553		4,683				853	1,275
3318 FERROALLOYS-----			4,200				1,680	
3319 IRON AND STEEL PRODUCTS, NEC-----	11,715	27,351	40,519		5,263		12,176	
3411 FABRICATED METAL PRODUCTS-----		1,505	4,766				1,448	1,081
3511 MACHINERY, EXCEPT ELECTRICAL-----			2,318			257		
3611 ELECTRICAL MACH AND EQUIP-----						191		50
4011 IRON AND STEEL SCRAP-----			2,279					
4112 COMMODITIES, NEC-----	600		680					
4118 WATERWAY IMPROVEMENT MAT-----			53,210	147,925	14,000	91,253	36,198	60,145
TOTAL-----	760,183	3,375,274	8,893,580	632,798	1,903,148	323,690	2,046,477	325,873
INTERNAL SHIPMENTS								
0101 COTTON, RAW-----							245	
0102 BARLEY AND RYE-----		14,889						
0103 CORN-----	534,875	2,104,010	9,845	5,791	1,505	6,913	4,108	1,413
0104 OATS-----	17,063	127,633						
0105 RICE-----			4,416	125,976	47,115		4,162	3,628
0106 SORGHUM GRAINS-----	1,443		35,856					
0107 WHEAT-----	93,135	1,014,999	231,296	138,246	82,127	38,140	13,259	7,425
0111 SOYBEANS-----	128,586	1,364,269	429,443	131,175	453,896	219,314	166,502	88,969
0119 OILSEEDS, NEC-----	7,819	74,650						
1061 MANGANESE ORES, CONCENTRATES-----			1,607					
1121 COAL AND LIGNITE-----	453,821	1,981,113	1,200					
1311 CRUDE PETROLEUM-----		4,200	3,055				218,264	22,085
1442 SAND, GRAVEL, CRUSHED ROCK-----			64,242					
1499 NONMETALLIC MINERALS, NEC-----			2,883					
2041 WHEAT FLOUR AND SEMOLINA-----		5,946						845
2042 PREPARED ANIMAL FEEDS-----	64,796	134,456	245,702	25,521			50,732	
2049 GRAIN MILL PRODUCTS, NEC-----	99,824	63,147	601,936	726,192	3,251	66,319	153,028	1,400
2061 SUGAR-----	5,693							
2062 MOLASSES-----		37,154						
2081 ALCOHOLIC BEVERAGES-----			834				326	
2091 VEGETABLE OILS, MARG, SHORT-----	24,115	46,081	90,310	49,346			75,907	
2099 MISCELLANEOUS FOOD PRODUCTS-----			7,644					
2411 LOGS-----						78,878		
2421 LUMBER-----							8,461	12,383
2431 VENEER, PLYWOOD, WORKED WOOD-----								6,838
2511 FURNITURE AND FIXTURES-----			880					
2611 PULP-----							414	98,294
2631 PAPER AND PAPERBOARD-----					720		49,694	12,343
2691 PULP AND PAPER PRODUCTS, NEC-----					854	214	16,200	3,380
2811 CRUDE TAR, OIL, GAS PRODUCTS-----			1,198					
2813 ALCOHOLS-----			1,827					
2817 BENZENE AND TOLUENE-----			1,069					
2819 BASIC CHEMICALS AND PROD, NEC-----		574	1,619	39,580	2,300			423
2822 SYNTHETIC RUBBER-----								2,125
2823 SYNTHETIC (MAN-MADE) FIBERS-----							258	
2871 NITROGENOUS CHEM FERTILIZERS-----			21,162	144,409	34,846			
2872 POTASSIC CHEM FERTILIZERS-----	25,961							
2873 PHOSPHATIC CHEM FERTILIZERS-----			9,369	9,197	2,069			
2879 FERTILIZER AND MATERIALS, NEC-----			12,946	26,443			1,321	
2911 GASOLINE-----			144,994	372,092	11,038		30,404	
2913 KEROSENE-----				44,118			14,766	
2914 DISTILLATE FUEL OIL-----	6,354	201,492		203,850	17,700		109,147	2,500
2915 RESIDUAL FUEL OIL-----	37,009	41,583			46,544		131,412	
2916 LUBRICATING OILS AND GREASES-----			1,421				1,242	
2917 NAPHTHA, PETROLEUM SOLVENTS-----							92,641	1,400



## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

PRINCIPAL PORTS ON MISSISSIPPI RIVER (INCLUDED IN TRAFFIC  
OF MISSISSIPPI RIVER, MINNEAPOLIS TO MOUTH OF PASSE)---CONTINUED

FREIGHT TRAFFIC, 1980---CONTINUED

(SHORT TONS)

COMMODITY	MINNEAPOLIS, MINN.	ST. PAUL, MINN.	MEMPHIS, TENN.	HELENA, ARK.	GREENVILLE, MISS.	LAKE PROVIDENCE, LA.	VICKSBURG, MISS.	NATCHEZ, MISS.
INTERNAL SHIPMENTS---CONTINUED								
2918 ASPHALT, TAR, AND BITUMENS			12,270				7,836	
2920 COKE, PETROLEUM COKE		137,851						
2921 LIQUEFIED GASES					927			
3241 BUILDING CEMENT				1,910				
3251 STRUCTURAL CLAY PRODUCTS					193			
3291 MISC NONMETALLIC MINERAL PROD					2,018			
3314 IRON AND STEEL PRIMARY FORMS			1,931				1,446	2,456
3315 IRON, STEEL SHAPES, EXC SHEET		810					3,300	
3316 IRON AND STEEL PLATES, SHEETS			4,697		1,486		1,512	634
3317 IRON AND STEEL PIPE AND TUBE	349		350		600			
3318 FERROALLOYS			1,777					
3319 IRON AND STEEL PRODUCTS, NEC			125					
3411 FABRICATED METAL PRODUCTS		800			3,152		826	
3511 MACHINERY, EXCEPT ELECTRICAL			2,806				1,418	359
3611 ELECTRICAL MACH AND EQUIP			954				267	928
4011 IRON AND STEEL SCRAP	10,140	1,236	112,304		33,217		47,668	
4112 COMMODITIES, NEC		9,000						
4118 WATERWAY IMPROVEMENT MAT			15,000		14,000		63,529	10,000
4119 EMPTY CONTAINERS					1,424			
TOTAL	1,457,820	7,153,194	2,321,043	2,075,462	796,672	359,564	1,274,261	279,828
LOCAL								
1121 COAL AND LIGNITE	28,192							
1311 CRUDE PETROLEUM			10,052				2,377	
1442 SAND, GRAVEL, CRUSHED ROCK			72,900			128,481		
2871 NITROGENOUS CHEM FERTILIZERS			1,982					
2911 GASOLINE			87,238				22,500	
2914 DISTILLATE FUEL OIL			44,738		6,971		14,152	
2921 LIQUEFIED GASES			17,645					
3317 IRON AND STEEL PIPE AND TUBE	644							
3511 MACHINERY, EXCEPT ELECTRICAL						700		
TOTAL	28,836		234,555		6,971	129,181	39,029	

## CHICAGO, ILL., DISTRICT

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ILLINOIS RIVER, ILL.

SECTION INCLUDED: MOUTH OF ILLINOIS RIVER, GRAFTON, ILLINOIS, TO LOCKPORT, ILLINOIS, 291.9 MILES, CONTROLLING AND PROJECT DEPTHS: 9 FEET.

## COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1971-----	33,669,954	1976-----	43,065,659
1972-----	39,183,957	1977-----	40,836,496
1973-----	40,122,307	1978-----	37,251,157
1974-----	41,229,726	1979-----	35,150,210
1975-----	43,595,825	1980-----	41,703,337

## FREIGHT TRAFFIC, 1980

## COASTWISE

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE			
		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND
TOTAL-----	86,572	53,435	1,303	9,634	22,800
0103 CORN-----	1,303	-----	1,303	-----	-----
1471 PHOSPHATE ROCK-----	56,380	50,002	-----	6,378	-----
1479 NATURAL FERTILIZER MATS, NEC-----	22,800	-----	-----	-----	22,800
2879 FERTILIZER AND MATERIALS, NEC-----	5,379	2,723	-----	2,656	-----
3611 ELECTRICAL MACH AND EQUIP-----	710	710	-----	-----	-----
TON-MILES, COASTWISE, 24,389,001,					

## INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND		THROUGH	DOWNBOUND	OUTBOUND		THROUGH
			UPBOUND	DOWNBOUND			DOWNBOUND	DOWNBOUND	
TOTAL-----	41,616,765	72,901	4,425,046	6,154,224	5,192,392	1,335,131	2,791,785	17,278,223	4,777,063
0103 CORN-----	12,391,861	3,519	6,031	-----	-----	4,286	2,881	12,014,368	360,779
0106 SORGHUM GRAINS-----	2,955	-----	-----	-----	-----	-----	-----	2,955	-----
0107 WHEAT-----	350,869	-----	-----	10,161	-----	-----	-----	300,990	39,718
0111 SOYBEANS-----	4,768,698	1,300	3,912	-----	-----	-----	-----	2,627,339	136,147
0119 OILSEEDS, NEC-----	1,259	-----	-----	-----	-----	-----	-----	-----	1,259
0911 FRESH FISH, EXCEPT SHELLFISH-----	33	33	-----	-----	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	101,901	-----	-----	-----	101,901	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	25,297	-----	1,417	-----	23,880	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	25,210	-----	4,179	-----	19,946	-----	-----	1,085	-----
1121 COAL AND LIGNITE-----	5,804,849	-----	252,930	4,766,850	168,555	500,613	-----	21,407	14,494
1311 CRUDE PETROLEUM-----	36,501	-----	-----	-----	-----	-----	-----	36,501	-----
1411 LIMESTONE-----	8,114	-----	-----	-----	8,114	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,014,966	-----	5,870	1,142,705	51,497	4,283	786,573	24,640	-----
1471 PHOSPHATE ROCK-----	568,175	-----	568,175	-----	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	1,350	-----	-----	-----	-----	-----	-----	-----	1,350
1493 SULPHUR, LIQUID-----	5,140	-----	-----	-----	-----	-----	5,140	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	955,551	-----	255,460	-----	556,974	-----	41,267	-----	2,250
2014 TALLOW, ANIMAL FATS AND OILS-----	191,868	-----	-----	-----	1,429	-----	-----	-----	160,439
2041 WHEAT FLOUR AND SEMOLINA-----	1,350	-----	-----	-----	-----	-----	-----	1,350	-----
2042 PREPARED ANIMAL FEEDS-----	924,929	-----	800	-----	-----	-----	-----	493,399	430,730
2049 GRAIN MILL PRODUCTS, NEC-----	453,331	-----	-----	-----	-----	-----	-----	389,267	64,064
2061 SUGAR-----	209,398	-----	-----	-----	208,370	-----	-----	-----	1,028
2062 MOLASSES-----	57,686	-----	18,484	5,989	33,213	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	82,861	-----	32,093	-----	4,141	-----	-----	32,008	14,619
2411 LOGS-----	23,500	-----	-----	-----	-----	-----	-----	23,500	-----
2421 LUMBER-----	22,807	-----	-----	-----	22,807	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,859	-----	-----	-----	5,859	-----	-----	-----	-----
2611 PULP-----	14,410	-----	-----	-----	14,410	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	21,832	-----	-----	-----	5,129	-----	-----	-----	16,703
2810 SODIUM HYDROXIDE-----	292,810	-----	-----	-----	292,810	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	57,765	-----	7,082	-----	2,673	-----	5,306	2,469	40,235
2813 ALCOHOLS-----	309,095	-----	4,506	7,962	252,583	41,042	-----	2,735	267
2817 BENZENE AND TOLUENE-----	132,053	-----	-----	-----	40,770	-----	1,360	-----	89,923
2818 SULPHURIC ACID-----	101,437	57,994	40,200	-----	698,590	609	6,450	2,627	75,425
2819 BASIC CHEMICALS AND PROD, NEC-----	1,721,084	2,326	908,388	11,862	2,866	-----	-----	11,480	7,996
2821 PLASTIC MATERIALS-----	2,558	-----	-----	-----	2,866	12,727	-----	6,579	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	449,722	7,749	328,580	56,481	229,610	-----	-----	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	42,133	-----	48,998	1,600	31,575	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	334,113	-----	122,288	-----	8,020	1,375	-----	2,515	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	18,604	-----	-----	-----	2,866	-----	-----	-----	15,722
2911 GASOLINE-----	1,141,590	-----	396,792	-----	23,656	456,756	26,073	182,677	95,726
2912 JET FUEL-----	73,235	-----	25,688	-----	10,500	1,635	-----	-----	35,412
2914 DISTILLATE FUEL OIL-----	755,629	-----	112,037	18,990	25,607	181,329	6,731	283,931	27,501
2915 RESIDUAL FUEL OIL-----	1,329,533	-----	204,360	72,320	225,943	-----	21,987	130,664	674,259
2916 LUBRICATING OILS AND GREASES-----	319,576	-----	-----	-----	246,650	-----	-----	67,431	32,495
2917 NAPHTHA, PETROLEUM SOLVENTS-----	670,931	-----	11,788	-----	383,334	-----	-----	-----	275,809
2918 ASPHALT, TAR, AND BITUMENS-----	239,556	-----	123,600	-----	76,656	-----	-----	2,457	36,843
2920 COKE, PETROLEUM COKE-----	1,147,717	-----	14,846	56,977	363,780	50,674	3,997	401,768	273,681
2991 PETROLEUM AND COAL PROD, NEC-----	26,495	-----	-----	-----	26,495	-----	-----	-----	-----
3241 BUILDING CEMENT-----	477,329	-----	48,992	-----	428,336	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	8,260	-----	-----	-----	8,260	-----	-----	-----	-----
3271 LIME-----	149,519	-----	-----	-----	159,576	9,943	-----	-----	-----

## ILLINOIS RIVER, ILL.--CONTINUED

## FREIGHT TRAFFIC, 1980--CONTINUED

## INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	UPBOUND	INBOUND	OUTBOUND	THROUGH	DOWNBOUND	INBOUND	OUTBOUND	THROUGH
			UPBOUND	UPBOUND	UPBOUND		DOWNBOUND	DOWNBOUND	DOWNBOUND
3311 PIG IRON-----	17,600				9,442		1,119		7,043
3312 SLAG-----	66,789						1,200		65,580
3314 IRON AND STEEL PRIMARY FORMS-----	234,183		4,685		20,627	320		183,788	184,763
3315 IRON, STEEL SHAPES, EXC SHEET-----	378,414		19,282		64,309	863	15,057	32,171	246,812
3316 IRON AND STEEL PLATES, SHEETS-----	696,364		8,396		56,427		17,450	51,095	562,996
3317 IRON AND STEEL PIPE AND TUBE-----	57,557		3,561		39,769		800		13,427
3318 FERROALLOYS-----	171,475		2,073		164,890				4,512
3319 IRON AND STEEL PRODUCTS, NEC-----	331,685		1,024	1,078	29,528	1,000	11,548	31,098	256,425
3323 LEAD AND ZINC, UNWORKED-----	4,705				3,297				1,408
3324 ALUMINUM AND ALLOYS, UNWORKED-----	731				731				
3411 FABRICATED METAL PRODUCTS-----	47,408		14,262		7,003	1,098	6,978		16,167
3511 MACHINERY, EXCEPT ELECTRICAL-----	42,298		566		3,082		1,600	32,135	4,915
3611 ELECTRICAL MACH AND EQUIP-----	850		890						
3711 MOTOR VEHICLES, PARTS, EQUIP-----	623							623	
3731 SHIPS AND BOATS-----	46								46
4011 IRON AND STEEL SCRAP-----	683,488		22,921	1,297	15,926		94,243	18,849	530,692
4029 WASTE AND SCRAP, NEC-----	1,797,362						1,739,174	22,785	35,403
4112 COMMODITIES, NEC-----	600								600
4119 EMPTY CONTAINERS-----	980		280		760				

TON-MILES, INTERNAL, 8,269,296,899.

TONS, ALL TRAFFIC, 41,703,337.

TON-MILES, ALL TRAFFIC, 8,293,685,900.

# MISSISSIPPI RIVER SYSTEM

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## MISSISSIPPI RIVER SYSTEM

SECTION INCLUDED: MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

### COMPARATIVE STATEMENT OF TRAFFIC

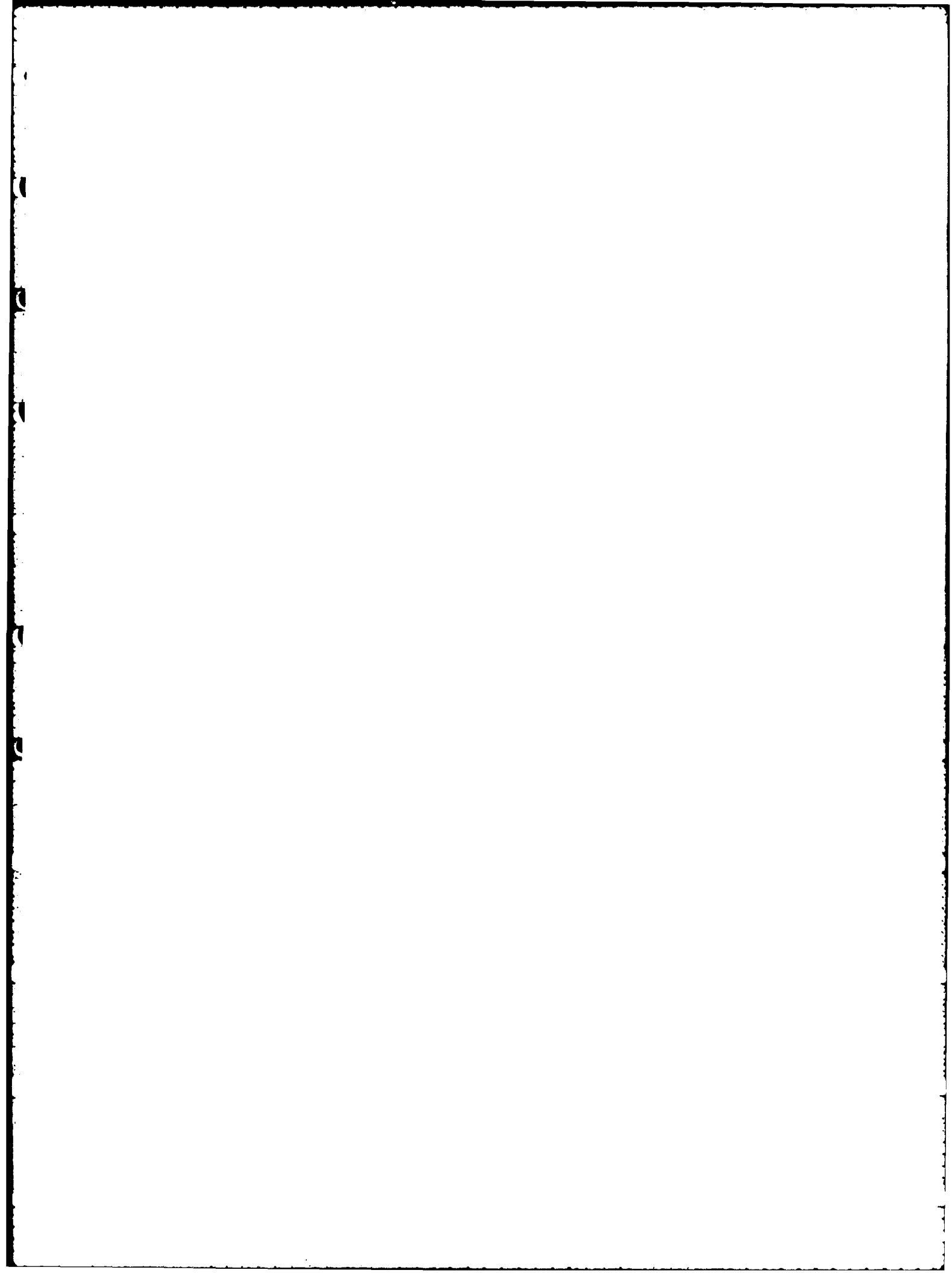
(NET INLAND TRAFFIC)

YEAR	TONS	YEAR	TONS
1971	303,246,248	1976	345,510,868
1972	326,631,479	1977	352,471,225
1973	317,596,614	1978	355,364,514
1974	330,089,602	1979	370,757,973
1975	330,087,116	1980	365,569,149

### INTERNAL AND LOCAL TRAFFIC, BY COMMODITY, CALENDAR YEAR 1980

(SHORT TONS)

COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)	COMMODITY	TOTAL TONS (EXCLUDING DUPLICATIONS)
0101 COTTON, RAW	1,766	2811 CRUDE TAR, OIL, GAS PRODUCTS	866,957
0102 BARLEY AND RYE	18,771	2813 ALCOHOLS	1,484,728
0103 CORN	30,347,357	2817 BENZENE AND TOLUENE	1,397,633
0104 OATS	173,484	2818 SULPHURIC ACID	827,222
0105 RICE	341,880	2819 BASIC CHEMICALS AND PROD, NEC	13,401,228
0106 SORGHUM GRAINS	407,944	2821 PLASTIC MATERIALS	88,941
0107 WHEAT	7,335,864	2822 SYNTHETIC RUBBER	54,875
0111 SOYBEANS	15,470,044	2823 SYNTHETIC (MAN-MADE) FIBERS	258
0119 OILSEEDS, NEC	138,451	2861 GUM AND WOOD CHEMICALS	2,950
0122 HAY AND FODDER	1,431	2871 NITROGENOUS CHEM FERTILIZERS	3,185,498
0133 COFFEE	8,153	2872 POTASSIC CHEM FERTILIZERS	334,689
0161 ANIMALS AND PRODUCTS, NEC	12,289	2873 PHOSPHATIC CHEM FERTILIZERS	492,035
0191 MISCELLANEOUS FARM PRODUCTS	156	2876 INSECTICIDES, DISINFECTANTS	110
0841 CRUDE RUBBER AND ALLIED GUMS	226	2879 FERTILIZER AND MATERIALS, NEC	2,911,628
0911 FRESH FISH, EXCEPT SHELLFISH	1,620	2891 MISCELLANEOUS CHEMICAL PROD	292,564
0912 SHELLFISH, EXCEPT PREPARED	23,107	2911 GASOLINE	17,647,526
0931 MARINE SMELLS, UNMANUFACTURED	1,799,080	2912 JET FUEL	1,854,069
1011 IRON ORE AND CONCENTRATES	255,015	2913 KEROSENE	416,505
1012 COPPER ORE AND CONCENTRATES	15,398	2914 DISTILLATE FUEL OIL	10,824,971
1021 ALUMINUM ORES, CONCENTRATES	460,420	2915 RESIDUAL FUEL OIL	20,853,908
1031 MANGANESE ORES, CONCENTRATES	508,316	2916 LUBRICATING OILS AND GREASES	1,904,440
1041 NONFERROUS ORES, CONCENT, NEC	696,148	2917 NAPHTHA, PETROLEUM SOLVENTS	2,366,253
1121 COAL AND LUMP	122,983,812	2918 ASPHALT, TAR, AND BITUMENS	2,131,000
1131 CRUDE PETROLEUM	14,989,778	2920 COKE, PETROLEUM COKE	3,164,688
1411 LIME	3,199,253	2921 LIQUEFIED GASES	917,060
1442 SAND, GRAVEL, CRUSHED ROCK	29,401,668	2991 PETROLEUM AND COAL PROD, NEC	188,875
1451 CLAY	448,258	3211 GLASS AND GLASS PRODUCTS	42,973
1471 PHOSPHATE ROCK	1,176,888	3241 BUILDING CEMENT	3,029,071
1492 SULPHUR, CRUDE	1,350	3291 STRUCTURAL CLAY PRODUCTS	33,490
1493 SULPHUR, LIQUID	2,634,100	3271 LIME	1,128,291
1499 NONMETALLIC MINERALS, NEC	4,655,336	3281 CUT STONE AND STONE PRODUCTS	10
1911 FURNACE AND ACCESSORIES	1,039	3291 MISC NONMETALLIC MINERAL PROD	48,868
2012 MEAT AND PRODUCTS, NEC	2,794	3311 PIG IRON	69,451
2014 TALLOW, ANIMAL FATS AND OILS	322,214	3312 SLAG	611,484
2022 DRIED MILK AND CREAM	1,132	3314 IRON AND STEEL PRIMARY FORMS	840,975
2039 PNEUMATIC AND VEGETABLE OIL, NEC	1,820	3315 IRON, STEEL SHAPES, EXC SHEET	822,200
2041 WHEAT FLOUR AND SEMOLINA	133,007	3316 IRON AND STEEL PLATES, SHEETS	2,116,148
2042 PREPARED AND MIXED FEEDS	4,221,819	3317 IRON AND STEEL PIPE AND TUBE	905,877
2049 GRAIN MILL PRODUCTS, NEC	7,017,205	3319 FERROALLOYS	753,822
2201 SUGAR	527,827	3319 IRON AND STEEL PRODUCTS, NEC	744,492
2232 MOLASSES	380,428	3321 NONFERROUS METALS, NEC	5,112
2241 ALCOHOLIC BEVERAGES	1,160	3322 COPPER ALLOYS, UNWORKED	12,173
2242 VEGETABLE OILS, WARD, SHORT	1,284,922	3323 LEAD AND ZINC, UNWORKED	39,555
2032 ANIMAL OILS AND FATS, NEC	52,680	3324 ALUMINUM AND ALLOYS, UNWORKED	53,402
2274 GROCERIES	946	3411 FABRICATED METAL PRODUCTS	175,359
2295 MISCELLANEOUS FOOD PRODUCTS	3	3511 MACHINERY, EXCEPT ELECTRICAL	168,957
2299 MISCELLANEOUS FOOD PRODUCTS	25,193	3611 ELECTRICAL MACH AND EQUIP	120,926
2211 BASIC TEXTILE PRODUCTS	4,362	3711 MOTOR VEHICLES, PARTS, EQUIP	8,914
2212 TEXTILE FIBERS, NEC	3,093	3731 SHIPS AND BOATS	35,525
2311 APPAREL	37	3791 MISC TRANSPORTATION EQUIPMENT	4,170
2411 LUGS	358,076	3911 MISC MANUFACTURED PRODUCTS	149,054
2414 TIMBER, POSTS, POLES, PILINGS	3,835	4011 IRON AND STEEL SCRAP	2,191,329
2415 PULP AND PAPER	521,302	4012 NONFERROUS METAL SCRAP	19,749
2416 WOOD SHIPS, STAVES, HOLDINGS	2,895	4029 WASTE AND SCRAP, NEC	1,889,239
2471 FIBER, POLYMER, UNWORKED PROD	105,459	4111 WATER	354,282
2481 FIBER, POLYMER, WORKED PROD	8,341	4112 COMMODITIES, NEC	90,131
2491 WOOD MANUFACT RES, NEC	374	4118 WATERWAY IMPROVEMENT MAT	5,775,784
2911 FURNITURE AND FIXTURES	880	4119 EMPTY CONTAINERS	2,909
2912 PAPER	310,563		
2913 STANDARD NEWSPRINT PAPER	7,151		
2914 PAPER AND PAPERBOARD	345,428		
2915 PULP AND PAPER PRODUCTS, NEC	120,782		
2916 STONE, HYDRAULIC	2,406,887		
		TOTAL SHORT TONS	365,569,149
		TOTAL TON-MILES	193,492,243,760



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Section 2  
TRIPS AND DRAFTS OF VESSELS

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# VICKSBURG, MISS., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DRAFT (FEET)			
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		UPBOUND		DOWNBOUND	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER
OUACHITA AND BLACK RIVERS, ARK. AND LA.								
0			40	2	63	105	1	41
1			60	1	2	63		68
2	97		24	6	1	128	97	31
3			16			17	5	12
4	1		6			7		6
5			10			10		10
6	950			176	95	1,271	1,950	2
7	1,000			32		34		6
8			2					
9								
TOTAL	2,048		158	217	161	2,584	2,053	168
MOUTH OF YAZOO RIVER, MISS.								
0			47	172	58	277		48
1			153	69	4	226		145
2			48	223	1	272		50
3			117	3	1	111		117
4			11	1		12		9
5			6	2		8		6
6				27		27		6
7				412	97	509		384
8				4	32	36		11
9								
TOTAL			372	913	193	1,478		371
YAZOO RIVER, MISS.								
0			3			3		24
1			5	44		49		90
2			15	5		20		6
3			18	10		48		45
4			111			111		111
5			1			1		1
6				126	67	193		47
7				1	16	17		
8								
9								
TOTAL			170	189	83	442		183
BIG SUNFLOWER RIVER, MISS.								
			NO VESSEL TRIPS	REPORTED				
BOEUF RIVER, LA.								
			NO VESSEL TRIPS	REPORTED				
LITTLE RIVER, LA.								
			NO VESSEL TRIPS	REPORTED				
TENSAS RIVER AND BAYOU MACON, LA.								
			NO VESSEL TRIPS	REPORTED				

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR PUSBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR PUSBOAT	DRY CARGO	TANKER	
WHITE RIVER, ARK., BELOW BATESVILLE, ARK.												
				UPBOUND						DOWNBOUND		
8			12	28		40			8	353	1	362
7			45	451		496			45	219		264
6			68			68			63	21		84
4			647	183		830			616			616
2				424	1	425				470		470
1				12		12				53		53
TOTAL			772	1,098	1	1,871			732	1,116	1	1,849
WOLF RIVER, TENN.												
				INBOUND						OUTBOUND		
9				319	21	340				247	3	250
8			25	83	9	117			34	87	1	122
7			12	21	1	34			17	3		20
6			2	36		38			2	2		4
5			1	9		10			1			1
4				3		3				2		2
3				19		19					2	2
2				199	5	204				285	12	297
1										4	1	5
TOTAL			40	689	36	765			54	630	19	703
ST. FRANCIS AND LA'ANGUILLE RIVERS AND BLACKFISH BAYOU, ARK.												
				NO VESSEL TRIPS REPORTED								

**ST. LOUIS, MO., DISTRICT**

### TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY			DIRECTION				DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND TUG-BOAT	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND TUG-BOAT	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
KASKASKIA RIVER, ILL.												
0			6	UPBOUND		6			2	DOWNBOUND		1,477
6			131			131			135			135
7			15			15				3		14
5			9			9			2			2
4				1		1						
2				1,658		1,658						
TOTAL			141	1,659		1,800			150	1,660		1,810
PORT OF METROPOLITAN ST. LOUIS												
9	12	3,131	1,356	955		4,454	11	2	3,056	7,662	1,921	12,252
8	16	1,645	749	146		2,556	16		1,544	539	545	2,644
7	3	410	1,638	2		2,051	1		348	773	48	1,170
6 AND LESS	573	1,622	8,287	1,986		12,568	672		1,586	2,861	1,036	6,155
TOTAL	704	6,818	11,530	3,089		22,131	700	2	6,536	11,835	3,150	22,221



## ST. PAUL, MINN., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ST. CROIX RIVER, WIS. AND MINN.				UPBOUND					DOWNBOUND			
9 - - - - -				1,094	4	1,098						
7 - - - - -			11			11		11	1		12	
6 - - - - -	38					38	38				38	
5 - - - - -	200					200	200				200	
3 - - - - -	278					278	264				264	
2 - - - - -	2,433			20		2,453	2,433		998	4	3,435	
TOTAL - - - - -	2,949		11	1,114	4	4,078	2,935		999	4	3,949	
MINNESOTA RIVER, MINN.				UPBOUND					DOWNBOUND			
9 - - - - -			96	566	4	566		94	881	3	978	
8 - - - - -			6	13	9	23		11	87		98	
7 - - - - -			699	6		665		659	3		662	
6 - - - - -			310	3		313		310	4		314	
5 - - - - -				1		1			1		1	
4 - - - - -				1		1			1		1	
2 - - - - -				786	4	790			427	10	437	
1 - - - - -										2	2	
TOTAL - - - - -			1,071	1,376	17	2,464		1,074	1,404	15	2,493	
BLACK RIVER, WIS.				UPBOUND					DOWNBOUND			
TOTAL, 9 AND LESS - - - - -			13	12	69	94		17	19	66	102	

## LITTLE ROCK, ARK., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND TUG BOAT	TANKER	TOWBOAT OR TUG BOAT	DRY CARGO	TANKER		PASSENGER AND TUG BOAT	TANKER	TOWBOAT OR TUG BOAT	DRY CARGO	TANKER	
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM (CONSOLIDATED REPORT)				UPBOUND					DOWNBOUND			
9 - - - - -			776	749	224	1,749			887	1,028	581	2,496
8 - - - - -			193	460	29	682			163	1,989	117	2,289
7 - - - - -			109	1,231	1	1,341	1		99	611	17	728
6 - - - - -			819	1,341	7	2,167	2		820	2,725	2	3,549
5 - - - - -			4,774	538		5,312			3,447	267	1	3,715
4 - - - - -			434	28		462			309	113		422
3 - - - - -			2	93		95			1	26	9	16
2 - - - - -	3		548	3,089	467	4,147	2		291	2,924	190	3,009
1 - - - - -			7	335	206	548			7	197	11	210
TOTAL - - - - -	3		7,712	7,864	934	16,503	5		6,041	9,480	928	16,454
BLACK RIVER, ARK. AND MO.				NO VESSEL TRIPS REPORTED								
UPPER WHITE RIVER, ARK.				UPBOUND					DOWNBOUND			
TOTAL, 6 AND LESS - - - - -	300					300	300					300

## MISSOURI RIVER DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
MISSOURI RIVER, FORT BENTON, MONT. TO THE MOUTH (CONSOLIDATED REPORT)				UPBOUND					DOWNBOUND			
9 -	4		144	25	18	191	4		151	525	10	690
8 -	6		210	394	142	752	6		242	777	107	1,132
7 -	78		38	1,624	44	1,784			12	2,730	6	2,748
6 -			1,790	556		2,346			1,969	1,951		3,920
5 -	91		4,103	1,303		5,497	90		3,964	1,767		5,821
4 -	318		1,194	393		1,905	341		843	1,701		2,885
3 -			3,015	593		3,608			3,074	482	5	3,561
2 -	336		17	6,031	75	6,459	289		145	1,800	141	1,775
1 -	147			3,384	9	3,540	116			619	1	536
TOTAL - - - - -	980		10,511	14,303	288	26,082	846		10,400	11,552	270	23,068
MISSOURI RIVER, KANSAS CITY TO THE MOUTH				UPBOUND					DOWNBOUND			
9 -	4		141	25	18	188	4		150	525	10	689
8 -	6		176	391	134	707	6		207	777	103	1,093
7 -	78		38	1,624	44	1,784			12	2,730	6	2,748
6 -			1,790	476		2,266			1,969	1,951		3,920
5 -			2,917	994		3,901			2,798	1,897		3,895
4 -	113		1,085	291		1,489	150		766	1,689		2,605
3 -			2,985	574		3,559			3,074	458	5	3,537
2 -	336		17	3,603	39	3,995	289		145	1,105	103	1,642
1 -	147			2,595	9	2,751	116			107	1	224
TOTAL - - - - -	684		9,139	10,573	244	20,640	565		9,121	10,439	228	20,353
MISSOURI RIVER, OMAHA TO KANSAS CITY				UPBOUND					DOWNBOUND			
9 -	4		35	17	9	65	4		35	228	2	269
8 -			163	280	92	535			178	499	92	769
7 -			11	37	2	50			11	26	6	45
6 -				94		94				1		1
5 -	91		1,225	311		1,627	90		1,197	667		1,954
4 -	205		12	4		221	191		23	1		215
3 -			5	2		7			6	8	1	15
2 -			1	611	68	680			1	199	62	262
1 -				776		776				273		273
TOTAL - - - - -	300		1,452	2,132	171	4,055	285		1,451	1,904	163	3,803
MISSOURI RIVER, SIOUX CITY TO OMAHA				UPBOUND					DOWNBOUND			
9 -			5	7		12			1	39	2	42
8 -			72	73	16	161			67	120	10	197
7 -				12	2	14				3		3
6 -				3		3						
5 -				1		1				4		4
4 -			97	102		199			81	19		100
3 -			28	12		40			18	23		41
2 -			1	97	9	107			1	48	18	67
1 -				54		54				56		56
TOTAL - - - - -			213	361	27	591			168	312	30	510
MISSOURI RIVER, FORT BENTON, MONT., TO SIOUX CITY, IOWA				UPBOUND					DOWNBOUND			
TOTAL, 5 AND LESS - - - - -			17	18		35			21	15		36

## NASHVILLE, TENN., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
CUMBERLAND RIVER, YOUTH TO MILE 552 (CONSOLIDATED REPORT)												
12				UPBOUND	2				DOWNBOUND			
11			1			1						2
10			226		6	232			157	1,072		1,222
9	55		270	3,259	296	3,880	56		277	537	6	874
8			322	386	60	748		1	304	1,235	28	1,538
7			127	198	3	328			132	118	2	252
6			95	47	2	144			94	17		111
5				19		19				5		5
4	530			26		556	530			3		533
3				137	1	138				1	22	23
2		1		3,688	30	3,719			56	4,703	263	5,022
1										3	99	102
TOTAL	585	1	1,021	7,760	400	9,767	586	1	1,015	7,664	420	9,686
CUMBERLAND RIVER, YOUTH TO NASHVILLE, TENN.												
9	55		497	3,259	304	4,115	56		429	1,509	6	2,100
8			322	386	60	748		1	304	1,235	28	1,538
7			127	198	3	328			132	118	2	252
6			95	47	2	144			94	17		111
5				19		19				5		5
4	530			26		556	530			3		533
3				137	1	138				1	22	23
2		1		3,688	30	3,719			56	4,703	263	5,022
1										3	99	102
TOTAL	585	1	1,021	7,760	400	9,767	586	1	1,015	7,664	420	9,686
CUMBERLAND RIVER, NASHVILLE, TENN., TO MILE 552.												
9	55		17	5	113	190	55		17		3	75
8			44	1	13	58			44		4	50
7			27	8	3	38			27	8	1	36
6			21	1	2	24			22	2		24
5				5		5						
4	530			5		535	530			2		532
3					1	1				1	22	23
2				5	3	11				17	96	113
TOTAL	585		109	33	135	462	585		112	30	126	654
TENNESSEE RIVER, TENN., ALA., AND KY.												
9	11		898	11,465	997	13,360	10		880	2,222	360	3,472
8	82		1,124	2,184	380	4,344	80		1,158	707	188	2,065
7			459	754	16	1,229			485	1,710	18	1,513
6			1,049	918	3	1,870			1,035	2,448		3,483
5			1,815	52		1,867	1		1,781	21		1,803
4			576	79	21	696			593	51	2	646
3	24		1	36	46	107	24		2	188	50	184
2	285		14	5,862	497	5,938	339		24	13,908	1,193	15,416
1			1	22	9	32			3	13	158	174
TOTAL	382		6,017	20,872	1,969	29,240	384		5,961	20,490	1,920	28,754
BARKLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS												
9			127	961	278	1,366	1		141	551	5	698
8			152	71	58	279			148	37	0	194
7			12	96	3	111			4	33	1	40
6			42	44	2	64			39	14		53
5				19		19				3		3
4				19		19				3		3
3				7	1	8				1	22	23
2			4	414	20	434			4	1,216	232	1,452
1										2	97	99
TOTAL			335	1,631	362	2,328	1		338	1,860	356	2,555
MIWASSEE RIVER, TENN.												
TOTAL 9 AND LESS	4		108	463	51	626	4		97	648	51	402

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## LOUISVILLE, KY., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
GREEN AND BARREN RIVERS, KY.				UPBOUND						DOWNBOUND		
9 - - - - -			816	90		906	2		941	4,883	1	5,027
8 - - - - -			661	21		682			667	892		959
7 - - - - -			239	546		785	1		218	1,349	2	1,570
6 - - - - -			162	75		237			104	558		462
5 - - - - -				2		2				5		5
4 - - - - -				6		6						
3 - - - - -				4		4						
2 - - - - -	6		147	5,131	2	5,286			1	280		261
1 - - - - -				429		429						
TOTAL - - - - -	6		2,025	6,304	2	8,337	3		1,931	6,347	3	8,284
KENTUCKY RIVER, KY.				UPBOUND						DOWNBOUND		
9 - - - - -			1			1			3			3
8 - - - - -			2	468		470			2			2
7 - - - - -			81			81			74	7		81
6 - - - - -	1		75			76	1		75			76
5 - - - - -										468		468
1 - - - - -												
TOTAL - - - - -	1		159	468		628	1		154	475		630

## HUNTINGTON, W. VA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BIG SANDY RIVER, TUG AND LEVISA FORKS, KY. AND W. VA.				UPBOUND						DOWNBOUND		
9 - - - - -			117	5	193	315			101	618	687	1,406
8 - - - - -										3	2	5
7 - - - - -			3	15		18			3	7		10
6 - - - - -			13			13			17	13		30
5 - - - - -			627			627			627	2		629
4 - - - - -			278			278			236			236
2 - - - - -				251	8	259				12		12
1 - - - - -				425	684	1,109					192	192
TOTAL - - - - -			948	696	885	2,549			984	655	881	2,520
KANAWHA RIVER, W. VA.				UPBOUND						DOWNBOUND		
9 - - - - -			1,330	2,926	1,462	5,667			1,363	6,457	182	8,002
8 - - - - -	2		468	45	185	719	0		414	169	40	632
7 - - - - -			268	758	41	1,067	1		237	611	12	861
6 - - - - -			411	13	43	467	1		406	391	13	811
5 - - - - -	1		312	2	35	349			297	12	19	329
4 - - - - -			26	3	26	55	13		29	44	59	145
3 - - - - -			1		77	78			1	25	54	80
2 - - - - -			2	2,519	100	2,621			2	2,585	817	3,404
1 - - - - -			7	4,863	10	4,880	3		8	849	640	1,500
TOTAL - - - - -	24		2,815	11,069	1,919	15,927	28		2,757	11,143	1,836	15,764
LITTLE KANAWHA RIVER, W. VA.				UPBOUND						DOWNBOUND		
TOTAL, 9 AND LESS - - - - -			231	178	269	678			209	246	227	678
MUSKINGUM RIVER, OHIO				UPBOUND						DOWNBOUND		
TOTAL, 9 AND LESS - - - - -			5			5			7	1	7	15

# PITTSBURGH, PA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
PORT OF PITTSBURGH, PA.				INBOUND					OUTBOUND			
9 - - - - -	2		2,050	13,706	1,996	17,754	1	2,088	4,460	903	7,452	
8 - - - - -	4		452	5,017	54	5,527	3	448	1,117	48	1,616	
7 - - - - -	1		2,612	3,409	8	6,030		2,481	642	17	3,140	
6 AND LESS - - - - -	3,041		2,741	8,761	977	15,520	3,040	2,734	24,283	1,965	32,022	
TOTAL - - - - -	3,048		7,855	30,893	3,035	44,831	3,044	7,751	30,902	2,933	44,230	
MONONGAHELA RIVER, PA. AND W. VA.				UPBOUND					DOWNBOUND			
9 - - - - -			1,721	5,003	882	7,606	1	1,793	19,439	430	21,663	
8 - - - - -			272	1,593	10	1,875		268	4,525	24	4,817	
7 - - - - -	1		2,945	1,950	9	4,944		3,124	960	2	3,690	
6 - - - - -			693	765	9	1,467		734	141	71	946	
5 - - - - -	2,024		738	51		2,863	1,993	599	30		2,622	
4 - - - - -	346		16	658	43	1,063	317	24	609	2	952	
3 - - - - -	9			56	12	77	9		221	3	233	
2 - - - - -				22,843	429	23,274			7,134	577	7,714	
1 - - - - -	2				6	8			9	330	339	
TOTAL - - - - -	2,382		6,475	32,919	1,400	43,176	2,320	6,549	32,668	1,439	42,976	
ALLEGHENY RIVER, PA., IMPROVED PORTION				UPBOUND					DOWNBOUND			
9 - - - - -			219	2,528	241	2,988		198	880	34	910	
8 - - - - -			54	37	6	107		61	5	1	67	
7 - - - - -			633	51	1	685		630	8		638	
6 - - - - -			347	76		443		394	1,355		1,951	
5 - - - - -	1,915		809	5		2,729	1,879	853	2,732		2,732	
4 - - - - -	318		19	427		764	347	18	411		776	
3 - - - - -	9		1	1		11	9	1	7	4	21	
2 - - - - -				2,012	34	2,046			2,458	214	2,672	
1 - - - - -					2	2			8		8	
TOTAL - - - - -	2,242		2,112	5,137	284	9,775	2,235	2,159	5,124	261	9,775	
ALLEGHENY RIVER, PA., OPEN CHANNEL PORTION	NO VESSEL TRIPS REPORTED											

# OHIO RIVER DIVISION

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
OHIO RIVER				UPBOUND						DOWNBOUND		
9 - - - - -	18		9,360	29,612	7,225	46,195	14	9,591		36,311	4,055	50,671
8 - - - - -	145		4,180	4,499	1,391	10,224	153	1	4,218	8,297	445	13,114
7 - - - - -	5		2,894	10,048	98	13,045	5		2,611	23,214	67	25,897
6 - - - - -			3,858	2,287	56	6,201	5		1,848	5,450	17	7,320
5 - - - - -	1,955		6,216	1,203	72	9,436	1,991		5,434	387	84	7,896
4 - - - - -	31		3,052	581	58	3,722	15		2,740	602	17	3,374
3 - - - - -	459		946	394	43	1,882	458		924	489	93	1,954
2 - - - - -	207	1	154	64,122	2,324	66,608	195		87	31,491	6,092	37,668
1 - - - - -	6		19	1,964	2,504	4,493	11		16	10,787	1,889	12,694
TOTAL - - - - -	2,826	1	30,678	114,710	13,791	162,004	2,847	1	29,464	115,028	13,650	160,990

# GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER (CONSOLIDATED REPORT)												
12 - - - - -	1,989	67	1,072	EASTBOUND					WESTBOUND			
11 - - - - -	570	1	2,242	58	511	3,697	1,505	61	994	105	783	3,538
10 - - - - -	1,106		1,164	98	1,592	4,803	1,073		2,072	137	1,256	4,538
9 - - - - -	1,143		4,907	1,299	2,857	6,426	1,095		1,187	579	2,539	5,400
8 - - - - -	1,454	11	6,326	6,775	7,963	27,799	1,695	11	4,872	4,247	6,728	17,553
7 - - - - -	1,473	1	5,037	2,020	2,236	12,037	1,375	4	6,407	3,873	2,369	13,228
6 AND LESS - - - - -	18,120	4	11,261	2,027	526	9,063	729	1	5,045	1,360	495	7,630
TOTAL - - - - -	26,155	84	32,059	12,002	13,463	54,790	18,089	6	12,312	14,076	15,956	60,439
GULF INTRACOASTAL WATERWAY, APALACHEE BAY TO PANAMA CITY, FLA.												
12 - - - - -			8	EASTBOUND					WESTBOUND			
11 - - - - -	1		33	1	3	13	2		8	2		12
10 - - - - -			265	10	244	139			30		15	45
9 - - - - -			52	98	238	519	2		236	35	20	293
8 - - - - -	4		86	20	137	388	1		51	58	91	201
7 - - - - -	1		231	24	42	247	14		86	69	2	171
6 AND LESS - - - - -	8		79	93	175	298	1		230		2	233
TOTAL - - - - -	14		754	246	945	1,909	36		680	121	763	939
GULF INTRACOASTAL WATERWAY, PANAMA CITY TO PENSACOLA BAY, FLA.												
12 - - - - -	32		12	EASTBOUND					WESTBOUND			
11 - - - - -	44		47	1	30	75	1		9	13	3	26
10 - - - - -	151		128	16	92	403	12		76	5	17	110
9 - - - - -	5		170	142	386	387	19		111	42	39	211
8 - - - - -	48		354	81	183	653	11		116	244	90	461
7 - - - - -	16		392	261	57	666	144		331	343	7	625
6 AND LESS - - - - -	129		174	1,003	160	726	3		364	4	7	378
TOTAL - - - - -	425		1,197	1,504	1,180	1,396	248		1,088	933	920	2,209
GULF INTRACOASTAL WATERWAY, PENSACOLA BAY, FLA., TO MOBILE BAY, ALA.												
12 - - - - -	79		12	EASTBOUND					WESTBOUND			
11 - - - - -	9		113	2	33	124	17		9	21	3	50
10 - - - - -	139		131	1	346	459	7		101	5	19	132
9 - - - - -	20		212	10	84	364	107		121	51	45	324
8 - - - - -	18		743	459	537	1,218	22		185	292	131	630
7 - - - - -	15		448	103	215	1,089	81		724	370	16	1,191
6 AND LESS - - - - -	72		174	946	130	1,586	11		473	6	37	527
TOTAL - - - - -	353		1,873	1,554	257	2,057	137		174	2,220	1,229	3,760
GULF INTRACOASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.												
12 - - - - -	2		12	EASTBOUND					WESTBOUND			
11 - - - - -	3	1	155	4	46	65	10		13	33	78	134
10 - - - - -	11		219	12	570	745	9		154	18	148	329
9 - - - - -	4		857	98	81	399	7		224	216	394	841
8 - - - - -	11	1	1,311	2,224	869	3,954	3		833	1,611	1,083	3,530
7 - - - - -	14		941	426	362	2,111	22		1,360	808	264	2,454
6 AND LESS - - - - -	43		393	852	200	2,047	15		1,029	113	132	1,289
TOTAL - - - - -	88	2	3,918	3,902	1,632	5,572	55		413	3,931	1,774	6,173
GULF INTRACOASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SARINE RIVER, TEX.												
12 - - - - -	443	3	193	EASTBOUND					WESTBOUND			
11 - - - - -	568		292	27	296	952	645		171	50	444	1,310
10 - - - - -	670		445	45	644	1,539	762		297	66	827	1,952
9 - - - - -	812	3	2,446	278	1,544	2,957	743		464	241	1,618	3,086
8 - - - - -	924		2,571	4,133	5,246	12,600	1,409	1	2,435	2,276	3,922	10,043
7 - - - - -	1,196	1	2,441	916	1,493	5,005	865	1	2,645	1,944	1,487	6,945
6 AND LESS - - - - -	6,753		8,875	936	175	4,988	646		2,465	1,179	132	4,417
TOTAL - - - - -	11,066	7	17,323	6,663	8,021	37,332	6,714	2	9,438	6,908	9,303	31,665
GULF INTRACOASTAL WATERWAY, SARINE RIVER TO GALVESTON, TEX.												
12 - - - - -	3	46	910	EASTBOUND					WESTBOUND			
11 - - - - -	3	1	1,951	14	295	1,268		52	804	31	389	1,276
10 - - - - -	17		224	20	341	2,314	11		1,788	70	544	2,413
9 - - - - -	48	7	2,315	57	1,344	1,952	12		207	207	1,494	1,920
8 - - - - -	51	1	2,045	1,358	4,735	8,481	22	10	2,309	1,466	3,761	7,568
7 - - - - -	3		1,244	125	1,149	1,591	43	4	2,106	1,263	1,251	4,687
6 AND LESS - - - - -	40	4	1,644	357	165	1,589	6		1,009	285	200	1,500
TOTAL - - - - -	165	59	10,173	2,696	9,329	9,713	54	5	2,170	1,605	5,878	9,714

**GULF INTRACOASTAL WATERWAY BETWEEN APALACHEE  
BAY, FLA., AND THE MEXICAN BORDER**

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**TRIPS AND DRAFTS OF VESSELS**

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
GULF INTRACOASTAL WATERWAY, GALVESTON TO CORPUS CHRISTI, TEX.												
12 - - - - -	1,433	27	55	EASTBOUND		1,699	918	21	63	WESTBOUND		1,236
11 - - - - -	248		46	20	164	684	289		41	16	218	551
10 - - - - -	139		328	49	323	2,264	204		323	15	206	1,115
9 - - - - -	242	4	1,060	964	833	4,433	247	1	1,054	100	428	3,781
8 - - - - -	429		1,855	1,018	2,109	3,680	270		1,821	723	1,756	3,097
7 - - - - -	32		1,372	676	720	1,711	56	1	1,283	265	741	1,553
6 AND LESS - - - - -	629		1,642	265	112	6,689	1,140	3	1,653	106	107	9,184
TOTAL - - - - -	3,152	31	6,378	1,425	2,993	21,160	3,124	26	6,238	2,714	3,674	20,517
GULF INTRACOASTAL WATERWAY, CORPUS CHRISTI, TEX., TO MEXICAN BORDER												
12 - - - - -	3		20	EASTBOUND		28	6		30	WESTBOUND		135
11 - - - - -	1		9	7	16	26			3	1	98	13
10 - - - - -	2		2	98	138	81	1		3	4	6	94
9 - - - - -	57		121	70	70	414			111	29	61	467
8 - - - - -	43		241	95	36	435	55		280	204	152	551
7 - - - - -			273	13	17	233			172	163	53	293
6 AND LESS - - - - -	10,937		45	124	469	11,475	10,583		45	79	42	11,232
TOTAL - - - - -	10,643		661	637	751	12,692	10,645		644	741	755	12,785

## JACKSONVILLE, FLA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
OKEECHOBEE WATERWAY, FLA.												
12	1		6	EASTBOUND		1		7	WESTBOUND			7
11						1	130					130
10				1	22	23	1	1				2
9			8		135	143	3	5				8
8	20		149	7	240	416	29	140	3	2		174
7	7		322	49	219	597	2	327	6	1		336
6	64		97	34	14	209	323	97	10	2		432
5	150		18	12	5	185	151	19	10			176
4	17		10	15		42	13	2	12			27
3	223		4	14		241	220	7	11			238
2	3,681			80	7	3,768	3,296	1	113	593		3,913
1			1			1						
TOTAL-	4,163		615	212	644	5,634	4,078	602	165	598		5,443
CHARLOTTE HARBOR, FLA.												
31			1	INBOUND		1			OUTBOUND			
29			6			6						
28			10			10		1				1
25					1	1						
23					1	1						
22					5	5		7				7
21						2		6				6
20			2			2		2	2			4
19			3			3		3				3
18 AND LESS-	7,212		387	13	592	8,204	7,213	2	390	19	646	8,270
TOTAL-	7,212	17	392	13	599	8,233	7,213	18	395	19	646	8,291
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.												
9	5		42	NORTHBOUND		115	1	10	33	SOUTHBOUND		274
8	80		93	3	2	178	10		90	6	254	360
7	13		345	5	1	364	65		334		219	618
6	504		32	14	4	554	439		30	5	15	489
5	599		7	7	2	615	70		10	9	5	94
4	801		1	10	1	813	66		4	9		79
3	1,382		4	6	3	1,395	3,812		2	24	3	3,841
2	8,992			19	633	9,644	10,969			75	15	11,059
1	9,560					9,560	6,500		1			6,501
TOTAL-	21,956		524	129	649	23,258	21,932	18	504	196	673	23,315
TAMPA HARBOR, FLA.												
36	1	2		INBOUND		4			OUTBOUND			4
35		4			1	5	2	1				3
34	15	78				93	317	21		12		350
33	40	94		9	4	147	149	14		86		249
32	19	105		14	21	159	56	2		6	2	66
31	17	120			2	139	44	20		83		147
30	23	47		10	5	85	61	8		19	2	90
29	19	12		9	8	48	35	11		2		48
28	32	32	1	1	13	79	46	16		10		72
27	23	29			7	59	28	10	1			39
26	43	16	15	45	5	144	55	30	32	51	4	172
25	102	26	18	27	19	192	80	22	9	9	13	133
24	95	22	17	2	33	169	67	26	17	31	15	156
23	110	32	1	6	48	187	51	70	6	19	6	152
22	152	14		2	49	217	77	61	2	20	4	164
21	79	7		7	45	138	42	100		14	1	157
20	132	20	3	5	9	169	80	70	1	1	8	160
19	83	4	28	4	4	123	21	71	22	1	1	116
18 AND LESS-	809	48	1,460	580	420	3,317	620	183	1,468	419	579	3,269
TOTAL-	1,784	712	1,563	721	697	5,477	1,835	736	1,558	783	635	5,547
ARECIBO HARBOR, P. R.												
10				INBOUND					OUTBOUND			
9			3			3			3	126		126
3				132		132				6		9
TOTAL-			3	132		135			3	132		135
SAN JUAN HARBOR, P. R.												
37	1			INBOUND		1	1		OUTBOUND			1
36	2					2	2					2
35		32				32						
34	1	7				8		1				1
33		12				12		3				3
32	1	6				7	1	8				9
31	10	11				21	3	2				5
30	35	9				44	9	1				10
29	82	2				84	40	3				43
28	124	3	2			129	102	2				104
27	221	2				223	194	3				187
26	155	12		13	2	182	141	9	1			151
25	295	14		2	7	319	270	19		1		290
24	60	2		1		63	88	11	2			101
23	155	11	1			167	146	7	1	1		155



## JACKSONVILLE, FLA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
SAN JUAN HARBOR, P. R.--(CONTINUED)				INBOUND					OUTBOUND	
22 - - - - -	146	15		8		169	199	35	1	235
21 - - - - -	43	11		5	2	61	51	31		82
20 - - - - -	108	6	51	6	2	183	118	9	38	166
19 - - - - -	84	2	72	3	6	167	97	13	30	140
18 AND LESS - - - - -	1,390	54	979	903	100	3,426	1,443	56	99	3,375
TOTAL - - - - -	2,913	211	1,115	941	119	5,299	2,895	213	1,070	5,060
PONCE HARBOR, P. R.				INBOUND					OUTBOUND	
30 - - - - -	18	21				39	8	1		9
29 - - - - -	9					9	25	2		27
28 - - - - -	14	2				14	14			14
27 - - - - -	15	3				18	15			15
26 - - - - -	18	2				20	10	2		12
25 - - - - -	4	1				5	5	6		11
24 - - - - -	4	3				7	5	10		15
23 - - - - -	7	1				8	6	6		12
22 - - - - -	6					6	9	5		14
21 - - - - -	9					9	4	4		8
20 - - - - -	10	1		1		20	6			6
19 - - - - -	15					15	11			11
18 AND LESS - - - - -	371	1	20	48	5	445	364	1	23	435
TOTAL - - - - -	508	35	20	49	5	617	482	37	23	589
MAYAGUEZ HARBOR, P. R.				INBOUND					OUTBOUND	
26 - - - - -	1					1				
24 - - - - -	1					1				
23 - - - - -	4					4				
22 - - - - -	6					6	2			2
21 - - - - -	4			2		6	4			4
20 - - - - -	31			4		35	2			2
19 - - - - -	17			1	2	20	6			6
18 AND LESS - - - - -	127		50	44	29	260	174		53	302
TOTAL - - - - -	191		60	51	31	333	188		53	316
ST. THOMAS HARBOR, V. I.				INBOUND					OUTBOUND	
35 - - - - -	27					27	27			27
34 - - - - -	4					4	2			2
33 - - - - -	2					2	2			2
32 - - - - -	3					3	2			2
31 - - - - -	4					4	4			4
30 - - - - -	22					22	24			24
29 - - - - -	51					81	72			72
28 - - - - -	48	1				89	96	1		97
27 - - - - -	115	2				117	117	2		119
26 - - - - -	77	2				79	82	1		83
25 - - - - -	15	1				16	17	2		19
24 - - - - -	18	1				19	16	1		17
23 - - - - -	47					47	46			46
22 - - - - -	95	1				96	95	1		97
21 - - - - -	55	1		4		61	51	1		51
20 - - - - -	13					13	11			11
19 - - - - -	128					128	115			116
18 AND LESS - - - - -	3,998	46	700	433	214	5,391	4,178	50	688	5,561
TOTAL - - - - -	4,792	55	700	437	214	6,194	4,957	59	688	6,350
CHRISTIANSTED HARBOR, ST. CROIX, V. I.				INBOUND					OUTBOUND	
16 - - - - -	16	4	40	2		62	3	5	36	46
15 - - - - -	15		21	2		39	2		23	25
14 - - - - -	11		54	59		123	7		52	128
13 - - - - -	13		4			17	9		3	15
12 - - - - -	42		99	15	5	161	30		84	132
11 - - - - -	116		7	6	21	150	16		4	157
10 - - - - -	43		19	23	6	91	15		61	109
9 - - - - -	28		19	96		163	56		46	210
8 - - - - -	23		11	1	1	34	31		7	161
7 - - - - -	14		10	6	4	38	22		9	36
6 AND LESS - - - - -	465		56	112	2	835	624		54	851
TOTAL - - - - -	970	4	340	121	39	1,714	981	5	381	1,709
ANCLOTE RIVER, FLA.				UPBOUND					DOWNBOUND	
TOTAL, 7 AND LESS - - - - -	1,421		5			1,426	1,421		4	1,425
CEDAR KEYS HARBOR, FLA.				INBOUND					OUTBOUND	
TOTAL, 4 AND LESS - - - - -	9,213					9,213	9,213			9,213
CHANNEL FROM APPLETON TO GORDON PASS AND BIG MARCO PASS, FLA.				UPBOUND					DOWNBOUND	
TOTAL, 8 AND LESS - - - - -	7,525					7,525	7,521			7,521
CLEARWATER PASS, FLA.				NO VESSEL TRIPS REPORTED						

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## JACKSONVILLE, FLA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DRAFT (FEET)										
CROSS-FLORIDA BARGE CANAL, FLA.	NO VESSEL TRIPS			REPORTED						
CRYSTAL RIVER, FLA. TOTAL, 4 AND LESS - - - - -	7,500		1	UPBOUND 1		7,502		1	DOWNBOUND 1	7,502
EVERGLADES HARBOR, COLLIER COUNTY, FLA. TOTAL, 7 AND LESS - - - - -	2,434			INBOUND		2,434		2	OUTBOUND	2,436
FAJARDO HARBOR, P. R. TOTAL, 25 AND LESS - - - - -	2,389	13	18	INBOUND 142	735	3,297	2,339	6	OUTBOUND 141	735
FORT MYERS BEACH, FLA. TOTAL, 13 AND LESS - - - - -	5,848		11	INBOUND	9	5,868	5,847	9	OUTBOUND	8
GUAYANES HARBOR, P. R.	NO VESSEL TRIPS			REPORTED						
HOMOSASSA RIVER, FLA. TOTAL, 4 AND LESS - - - - -	365			UPBOUND		365			DOWNBOUND	365
HORSESHOE COVE, FLA. TOTAL, 4 AND LESS - - - - -	300			INBOUND		300			OUTBOUND	300
HUDSON RIVER, FLA. TOTAL, 5 AND LESS - - - - -	1			UPBOUND		1	1		DOWNBOUND	1
JOHNS PASS, FLA. TOTAL, 8 AND LESS - - - - -	1		1	UPBOUND		2		1	DOWNBOUND	1
KISSIMHEE RIVER, FLA. TOTAL, 3 AND LESS - - - - -			1	UPBOUND		1	1,100	1	DOWNBOUND	1,101
LITTLE MANATEE RIVER, FLA.	NO VESSEL TRIPS			REPORTED						
LONGBOAT PASS, FLA. TOTAL, 7 AND LESS - - - - -	843			UPBOUND		843	843		DOWNBOUND	843
MANATEE RIVER, FLA. TOTAL, 6 AND LESS - - - - -	39		1	UPBOUND		40	37		DOWNBOUND	37
NEW PASS, FLA. TOTAL, 3 AND LESS - - - - -	200			UPBOUND		200	200		DOWNBOUND	200
PITHLACHASCOTEE RIVER, FLA.	NO VESSEL TRIPS			REPORTED						
ST. PETERSBURG HARBOR, FLA. TOTAL, 36 AND LESS - - - - -	38	3	38	INBOUND 1	34	114	36	3	OUTBOUND 1	34
STEINWATCHEE RIVER, FLA. TOTAL, 5 AND LESS - - - - -	5,000			UPBOUND		5,000	5,000		DOWNBOUND	5,000
SUWANNEE RIVER, FLA.	NO VESSEL TRIPS			REPORTED						
WITLACOCHEE RIVER, FLA. TOTAL, 6 AND LESS - - - - -	1			UPBOUND		1			DOWNBOUND	
WEDDON ISLAND, FLA. TOTAL, 33 AND LESS - - - - -		32	45	INBOUND 7	56	160		33	OUTBOUND 6	54

## MOBILE, ALA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ST. MARKS RIVER, FLA.				UPBOUND						DOWNBOUND		
11					80	80					9	9
10			252		240	492		240			46	286
9			17	39	94	146	1	5		4	61	71
8	27		90		58	135		47				47
7			112		36	148		103				103
6					4	4	27					27
5					1	1					43	43
4					5	96				20	74	94
3	90			1	94	94				12	340	352
2							90					90
1												
TOTAL	117		431	36	612	1,196	118		395	36	573	1,122
APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA. AND FLA.				UPBOUND						DOWNBOUND		
9			30	2	64	116	3		28		29	60
8			7	15	54	76	1		17	41		59
7			19	19	6	113			91		2	93
6			17	251	6	274			27	265		292
5				1		1					3	3
4	1			1		2				1		1
3			215		1	206			205		3	208
2				33	37	70				40	128	168
1				265		265				250	23	273
TOTAL	1		347	587	188	1,123	4		368	597	188	1,157
PORT ST. JOE HARBOR, FLA.				INBOUND						OUTBOUND		
32		10				10						
31		2				2						
30		13				13		11				11
29							1					1
28	1					1		1				1
27		1				1	1					1
26	1					1	2	1				3
25							1	3				4
24	3					3						
23							1	2				3
22								4				4
21							2	5				7
20	1	1				2	2		2			4
19	2					2		2				4
18 AND LESS	2	2	144	22	268	478	3	1	191	48	265	506
TOTAL	10	29	144	22	268	513	11	30	193	48	265	547
GULF COUNTY CANAL, FLA.				NORTHBOUND						SOUTHBOUND		
12	20				20	20						
11	70				91	91			1		10	11
10	50		150		200	400	20		140	1	3	164
9	685		2	4	1	692	70		4	3	26	103
8	115			28		151	50		17	1	6	74
7						8	685		14			699
6	1,125			8		1,133	117		2			119
5	948					948	1,126					1,126
4	115			2	7	624				1	13	14
3				3	12	15	947			16	202	1,165
2					2	2	614					614
1												
TOTAL	3,628		168	45	242	4,983	3,629		178	22	265	4,059
PANAMA CITY HARBOR, FLA.				INBOUND						OUTBOUND		
31							1					1
30							2					2
29	3					3	9					9
28	5					5	6	1				7
27	6	1				4	12	3				15
26	3					5	7	1				8
25	9	2				0	16		1			17
24	6					9	14					14
23	10	3				10	9					9
22	15					15	14					14
21	16					16	3					19
20	9					17	10	1				11
19	8	1				8	0					9
18 AND LESS	745		357	588	393	2,083	715		309	584	357	1,945
TOTAL	835	7	357	588	393	2,180	827	7	309	584	357	2,084
WATSON BAYOU, FLA.				INBOUND						OUTBOUND		
10			13		54	67			15	2	14	31
9			13	1	45	59			17	5	26	48
8			4		15	19			4	36	1	41
7			42	2	10	54			34	3	6	43
6			12			32			27			27
5					1	1						
4					1	1					14	15
3					2	2				2	24	10
2				77	16	113					59	59
1					2	2					5	5
TOTAL			14	80	146	354			97	44	157	277

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## MOBILE, ALA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ESCAMBIA AND CONEJUN RIVERS, FLA. AND ALA., ESCAMBIA BAY, FLA.				UNBOUND					DOWNBOUND			
9			4	205	44	253			4		4	
8			55		1	56			55		55	
7			64	166	70	300			63		63	
6	2			320		322						
5				1		1				4	4	
4										54	54	
2				5	1	6			683	65	748	
TOTAL	2		173	697	116	938			122	687	119	928
PENSACOLA HARBOR, FLA.				INBOUND					OUTBOUND			
35							1				1	
34							3				3	
33	2	1				3	5	1			6	
32	3	2		1		6	8		1		9	
31	3					3	7				7	
30	5					5	7				7	
29	5					5	5				5	
28							9				9	
27	10					10	11	1			12	
26	12	1				12	11				11	
25	10					10	9	4			13	
24	5	2				7	9	11	1		21	
23	12	6				18	12	19			31	
22	13	3			1	17	8	9			17	
21	7				1	8	12	1			13	
20	8	2	1			11	6	1			7	
19	10	16				26	4	2			6	
18 AND LESS	26	3	988	749	467	2,233	22	1	981	766	447	2,217
TOTAL	138	36	989	750	469	2,382	149	50	982	767	447	2,395
BAYOU CHICO, FLA.				INBOUND					OUTBOUND			
11					85	85				6	6	
10			3			3			3		3	
9			5	2	2	9			7		7	
8			113	11	4	129			99		108	
7			33	24	3	60			47	1	30	78
6			16	1		17			33			33
5				1		1						
4				1	42	43					12	12
3					4	4				30	75	105
2				5		5				10	2	12
TOTAL			170	45	140	355			189	41	134	364
MOBILE HARBOR, ALA.				INBOUND					OUTBOUND			
40	36	6				42	36	6				42
39	22	4				26	37	8				45
38	12	11				23	13	11				24
37	16	6	1			23	7		1			8
36	11	3				14	12	6				18
35	11	3				14	27	10			1	38
34	6	9				15	22	8				30
33	12	9				21	22	3				25
32	19	12				31	36	5				41
31	20	4				24	16	2				18
30	23	1				24	54	4				58
29	16	2				18	31	1				32
28	43	5			1	49	84	5				89
27	49	3				52	44	7				51
26	47	3				50	63	9				72
25	49	8		1		58	68	6			1	75
24	75	7				82	39	10	1			51
23	70	7				77	46	8			1	62
22	97	7				104	60	11			5	76
21	68	5			4	77	48	6			1	55
20	49	14	3		2	68	95	10	2	2		100
19	44	7	5		1	57	23	5	4	4	1	37
18 AND LESS	352	18	3,326	8,637	2,436	14,769	283	15	3,262	8,939	2,422	14,521
TOTAL	1,147	154	3,335	8,638	2,444	15,718	1,156	156	3,270	8,945	2,441	15,568
THREE MILE CREEK, ALA.				INBOUND					OUTBOUND			
30	81	4				85	10	1				11
29	1					1			1			1
28	3					3	11					11
27	6					6	2					2
26	2					2	6					6
25							10					10
24	5					5	3					3
23	3	2				5	17	1				18
22							15	1				16
21	1					1	6					6
20							5	1				6
19							2					2
18 AND LESS	44		74	230	8	356	50	2	56	221	9	338
TOTAL	146	6	74	230	8	464	137	7	56	221	9	430

## MOBILE, ALA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CHICKASAW CREEK, ALA.												
21 -	6	1			1	8	2	4				6
20 -	2	1				3	2	1				3
19 -	2	1				3	1	1				2
18 -							3				1	4
17 -	2		1		1	4			1		2	2
16 -	1					1	5				5	5
15 -	1					1	6		2		8	8
14 -	1					1	5				5	5
13 -			2			2	4		1	1	6	6
12 AND LESS -	15		1,208	629	492	2,344	9		1,209	623	563	2,404
TOTAL -	30	3	1,211	629	494	2,367	37	6	1,213	624	565	2,445
ALABAMA-COOSA RIVERS, ALA. AND GA.												
				UPBOUND						DOWNBOUND		
9 -			1	5	15	21			1	1		2
8 -			14	141	1	156			12	649	15	676
7 -			543	500	1	1,044			544	178		722
6 -			98			98			132	114		246
5 -			50			50			66			66
4 -			4			4			4	4		8
3 -			2	533	1	536				597		597
2 -				449		449				88	15	103
1 -					14	14					1	1
TOTAL -			712	1,628	32	2,372			759	1,631	31	2,421
BLACK WARRIOR AND TOMBIGREE RIVERS, ALA.												
				UPBOUND						DOWNBOUND		
9 -	9		210	1,956	210	2,385	7		200	5,156	465	5,828
8 -	1		2,037	217	54	2,309			2,052	2,714	53	4,819
7 -			738	38	101	877			732	246	103	1,081
6 -	1		276	39	2	318			307	335	1	643
5 -			204	6	20	230			217	1	20	238
4 -			4	3	10	17			4	5	6	15
3 -			12	652	28	692			10	49	6	65
2 -				6,907	197	7,104				1,063	165	1,228
1 -					12	12					21	21
TOTAL -	11		3,441	9,818	634	13,944	7		3,522	9,969	840	13,938
PASCAGOULA HARBOR, MISS.												
				INBOUND						OUTBOUND		
38 -			1			1	27		1			28
37 -			5			5	14		12			26
36 -			183			183	18		21	2	7	48
35 -	1		6			7	10		15	4	4	33
34 -	1		6			7	15		14			29
33 -			4			4	6		9		3	18
32 -	1		7	1	1	11	34		16	1	46	97
31 -	4		4			4	10		4		3	17
30 -	3		5			8	10		6		1	17
29 -	1		1			2	2		1		5	6
28 -	1		4	1		4	5		9		5	19
27 -	2		5			7	3		5		6	14
26 -	8		2	3		14	8		62		2	72
25 -	5		6			11	3		4		1	8
24 -	7		7			14	3		7		1	11
23 -	10		8			18	3		2		7	12
22 -	19		17		1	37	3		7		22	32
21 -	15		9			24	2		2	3	33	38
20 -	30		10			41	16		1	1	1	19
19 -	19		5			33	2		1		2	14
18 AND LESS -	4,117	30	1,528	1,259	1,611	8,545	4,074	3	1,547	1,164	1,584	8,374
TOTAL -	4,244	321	1,539	1,264	1,613	8,981	4,266	201	1,557	1,175	1,733	8,932
BAYOU CASOTTE, MISS.												
				INBOUND						OUTBOUND		
38 -			1			1	1		1			2
37 -			5			5			12			12
36 -			183			183	2		21	2	7	32
35 -			6			6	1		15	4	4	24
34 -	1		6			7	3		14			17
33 -			4			4			9		3	12
32 -			7			8	11		16		44	73
31 -	1		1			1	4		4		3	11
30 -	1		5			6			6		1	7
29 -			1			1	1		1		5	6
28 -			4	1		5	3		9		5	17
27 -			5			5	1		4		6	11
26 -	5		2	3		13	3		61		2	66
25 -	2		6			8	1		4		1	6
24 -	2		6			8	2		7		1	10
23 -	4		8			12	1		2		7	10
22 -	4		17		1	22	2		6		22	30
21 -	4		9			13			2	3	33	38
20 -	13		10			24	5		1		1	7
19 -	9		5			21	1		1		2	13
18 AND LESS -	2,098	31	1,291	584	1,597	5,601	2,076	2	1,224	570	1,474	5,352
TOTAL -	2,144	321	1,311	588	1,599	5,953	2,117	197	1,238	579	1,625	5,756

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## MOBILE, ALA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
BILOXI HARBOR, MISS.				INBOUND					OUTBOUND			
12 - - - - -	161			2	2	163	138		2			140
11 - - - - -	5		6	1	32	44	9		1			15
10 - - - - -	131		4	4	3	142	6	5				8
9 - - - - -	14		1	1,174	26	1,215	15		1	11	3	30
8 - - - - -	47		24	24	5	100	13		32			45
7 - - - - -	27		31	14	6	78			39	5	3	47
6 AND LESS - - - - -	3,659		44	46	12	3,761	3,864	50	1,233	49		5,216
TOTAL - - - - -	4,044		110	1,265	66	5,505	4,045	129	1,252	75		5,501
GULFPORT HARBOR, MISS.				INBOUND					OUTBOUND			
30 - - - - -	6					6	7					7
29 - - - - -	5					5	7					7
28 - - - - -	11					11	2					2
27 - - - - -	6					6	12					12
26 - - - - -	14					14	16					16
25 - - - - -	35					35	27					27
24 - - - - -	28					28	25					25
23 - - - - -	42					42	38					38
22 - - - - -	43					43	53					53
21 - - - - -	30					30	25					25
20 - - - - -	15					15	29					29
19 - - - - -	116					116	28					28
18 AND LESS - - - - -	1,460		41	81	34	1,616	1,545	40	63	30		1,678
TOTAL - - - - -	1,811		41	81	34	1,967	1,814	40	63	30		1,947
APALACHICOLA BAY, FLA. TOTAL, 10 AND LESS - - - - -	35,912		9	INBOUND 4		35,925	35,899	9	OUTBOUND 6			35,914
BAYOU BERNARD, MISS. TOTAL, 7 AND LESS - - - - -			18	INBOUND 9	14	41		23	OUTBOUND 7	12		42
BAYOU CODEN, ALA. TOTAL, 5 AND LESS - - - - -	1,064			UPBOUND		1,064	1,064		DOWNBOUND			1,064
BAYOU GALERE, MISS.				NO VESSEL TRIPS REPORTED								
BAYOU LA BATRE, ALA. TOTAL, 12 AND LESS - - - - -	1,254		13	UPBOUND 10	2	1,279	1,184	12	DOWNBOUND 11	2		1,209
BLACKWATER RIVER, FLA. TOTAL, 9 AND LESS - - - - -			20	UPBOUND 15	14	49		20	DOWNBOUND 18	14		52
BOY SECOUR RIVER, ALA. TOTAL, 10 AND LESS - - - - -	1,134			UPBOUND		1,134	1,131		DOWNBOUND			1,131
CADET BAYOU, MISS. TOTAL, 3 AND LESS - - - - -	297			UPBOUND		297	297		DOWNBOUND			297
CARRABELLE, FLA. TOTAL, 14 AND LESS - - - - -	615		4	INBOUND		619	615	4	OUTBOUND			619
CHOCTAWHATCHEE RIVER, FLA. AND ALA.				NO VESSEL TRIPS REPORTED								
DAUPHIN ISLAND BAY, ALA. TOTAL, 7 AND LESS - - - - -			16	INBOUND 26	2	38		8	OUTBOUND 8			16
DOG AND FOWL RIVERS, ALA. TOTAL, 13 AND LESS - - - - -	5		2	UPBOUND		7	8		DOWNBOUND			8
EAST PASS CHANNEL FROM THE GULF OF MEXICO INTO CHOCTAWHATCHEE BAY, FLA. TOTAL, 6 AND LESS - - - - -	84,768			NORTHBOUND		84,768	86,766		SOUTHBOUND			86,766
EAST PEARL RIVER, MISS. TOTAL, 9 AND LESS - - - - -			43	UPBOUND 55		98		52	DOWNBOUND 66			118
FLY CREEK (FAIRHOPE), ALA.				NO VESSEL TRIPS REPORTED								
GRAND LAGOON, PANAMA CITY, FLA. TOTAL, 6 AND LESS - - - - -	814			UPBOUND		814	814		DOWNBOUND			814

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
LA ORANGE BAYOU, FLA. TOTAL, 9 AND LESS - - - - -			34	UPBOUND 17	38	89			49	DOWNBOUND 19	34	102
PANACEA, FLA. TOTAL, 3 AND LESS - - - - -	583			INBOUND		583	583			OUTBOUND		583
PASCAGOULA RIVER, MISS. TOTAL, 7 AND LESS - - - - -			8	UPBOUND 3		11			9	DOWNBOUND 5		14
PASS CHRISTIAN HARBOR, MISS. TOTAL, 8 AND LESS - - - - -	286			INBOUND		286	287			OUTBOUND		287
PEARL RIVER, MISS. AND LA. TOTAL, 6 AND LESS - - - - -			8	UPBOUND 164	1	173			8	DOWNBOUND 164	2	174
PERDIDO PASS CHANNEL, ALA. TOTAL, 5 AND LESS - - - - -	3,013			UPBOUND		3,013	3,013			DOWNBOUND		3,013
UPPER CHIPOLA RIVER, FLA., FROM MOUTH TO MARIANNA				NO VESSEL TRIPS REPORTED								
WATERWAY CONNECTING THE TOMBIGSEE AND TENNESSEE RIVERS, ALA. AND MISS. (MOBILE DISTRICT) TOTAL, 9 AND LESS - - - - -			50	UPBOUND 171		221			41	DOWNBOUND 192		233
WOLF AND JORDAN RIVERS, MISS. TOTAL, 7 AND LESS - - - - -			11	UPBOUND 58		69			11	DOWNBOUND 58		69

## NEW ORLEANS, LA., DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION									
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL				
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER					
INNERHARBOR NAVIGATION CANAL, LA.																
32 -	74			NORTHBOUND			74	95		SOUTHBOUND			95			
31 -	32						32	46					46			
30 -	39						39	48					48			
29 -	38						38	32					32			
28 -	39						39	60					60			
27 -	45		1				46	97		1			98			
26 -	47			1			48	18					18			
25 -	39	1	1				41	40					40			
24 -	71						71	24					24			
23 -	30						30	25					25			
22 -	29						29	18	1				19			
21 -	14						14	23					23			
20 -	16	1					17	28					28			
19 -	25						25	20					20			
18 AND LESS -	325	2	2,609	3,394	895	7,225	257	2	2,617	3,473	879	7,228				
TOTAL -	863	4	2,611	3,395	895	7,768	831	3	2,618	3,473	879	7,804				
MISSISSIPPI RIVER-GULF OUTLET, LA.																
38 -	2			UPBOUND			2	6		DOWNBOUND			6			
37 -								3					3			
36 -	6						6	8					8			
35 -	7						7	10					10			
34 -	18						18	7					7			
33 -	24						24	19					19			
32 -	33						33	53					53			
31 -	30						30	48					48			
30 -	49						49	46					46			
29 -	32						32	30					30			
28 -	43						43	55					55			
27 -	46		1				47	60		1			61			
26 -	48						48	17			1		18			
25 -	40						40	88					88			
24 -	80						80	25	1				26			
23 -	35			5			40	21					21			
22 -	28			2			30	18	1				19			
21 -	16						16	16					16			
20 -	13						13	37	1				38			
19 -	23						23	20					20			
18 AND LESS -	2,541	1	649	329	454	3,974	2,500	2	664	281	468	3,915				
TOTAL -	3,114	1	650	336	454	4,555	3,087	5	665	282	468	4,507				
PASS MANCHAC, LA.																
7 -			364	EASTBOUND			307	4	675	1	WESTBOUND			125	2	486
6 -	1						1	1					1			
5 -	2		1	1			4			1	1		2			
3 -													1			
2 -			4	129	2	135					291	4	295			
TOTAL -	3		369	437	6	815	2		359	418	6		785			
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO																
12 -	145		3	UPBOUND			9	1	158	219	DOWNBOUND			11		235
11 -	201							4	205	227			1	1		229
10 -	89							15	104	129			2			131
9 -	152		41	1	54	248			248	188	35	22	4			249
8 -	165		9	3	12	189			189	142		11	58	4		215
7 -	310		34	12	6	362			362	217		34	139	24		414
6 -	899		496	1	5	1,391	2,661		501	88	11				3,461	
5 -	2,374		443	24	1	2,862	5,095		484	71	14				5,664	
4 -	2,358		42	69	32	2,501	2,791		40	79	57				2,967	
3 -	3,929		55	8	6	3,998	356		55	20	17				448	
2 -	1,658		2	366	73	2,099				13	62				75	
1 -				1	11	12				3	30				33	
TOTAL -	12,280		1,135	494	220	14,129	12,225		1,165	907	224		14,121			
BARATARIA BAY WATERWAY, LA.																
13 -				NORTHBOUND				10		SOUTHBOUND						14
12 -	5						5	6								6
11 -	35						35	168								168
10 -	224		6				230	186		4						193
9 -	83		65		492	630		80		43	8	496				627
8 -	128		46		18	192		31		42	4	1				78
7 -	172		496	1	3	672	547		445	2	5					999
6 AND LESS -	6,670		724	359	317	8,050	6,458		723	353	397		7,841			
TOTAL -	7,317		1,317	360	820	9,814	7,486		1,261	869	810		9,926			
BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY, LA.																
12 -	61		2	NORTHBOUND			63	64		SOUTHBOUND						70
11 -	379		2		1		382	432		2		8				442
10 -	138			1	30		177	500		5		80				587
9 -	356		23	2	14	395	311		23	2	8					344
8 -	754		15	5	39	831	448		37	16	16					517
7 -	256		51	2	22	331	196		49		20					265



## NEW ORLEANS, LA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY, LA.--(CONTINUED)												
				NORTHBOUND						SOUTHBOUND		
6	1,218		254	8	109	1,589	595		252	18	131	996
5	5,504		54	3	1	5,562	802		61	5	5	873
4	1,783		9	5	3	1,800	1,639		12	9	5	1,665
3	427			2	2	431	5,384			3	1	5,388
2	560		2	29	126	717	982		2	7	72	1,263
1				9	15	20				4	5	9
TOTAL-	11,436		434	62	362	12,294	11,355		447	66	351	12,219
BAYOU TERREBONNE, LA.												
				NORTHBOUND						SOUTHBOUND		
7	11		542	3	58	614	14		619	5	14	652
6	260		734	391	197	1,582	21		755	559	275	1,610
5	1,972		78	367		2,417	3		45	449		497
4	44		8	7	1	60	244		2	4	1	251
3			2	3	1	6	1,960			9		1,969
2			1	305	16	322	42			4	96	142
1						1					8	9
TOTAL-	2,287		1,365	1,076	273	5,001	2,285		1,421	1,030	394	5,130
BAYOU LITTLE CAILLOU, LA.												
				UPBOUND						DOWNBOUND		
6	113		146		197	456	171		317		183	671
5	817		3		2	822	345		9	2	1	377
4	112					112	71		6	2	3	82
3	360					360	815					815
2	18						6		1	4	35	46
1						6						
TOTAL-	1,420		149		333	1,902	1,428		333	8	222	1,991
MOUHA NAVIGATION CANAL, LA.												
				NORTHBOUND						SOUTHBOUND		
14			1		4	5						
13							16					16
12	2		1	6	23	32	118	1	19			138
11	13				42	55	154		2	3		159
10	44		11	2	20	77	48		13	39	15	115
9	110		39	26	53	228	90		31	22	3	146
8	41		118	31	34	244	49		184	19	20	272
7	350		223	479	7	1,759	171		222	696	6	1,095
6 AND LESS-	10,441		1,925	910	491	13,787	10,400		2,137	759	782	14,078
TOTAL-	11,001		2,338	1,454	674	15,467	11,046		2,588	1,556	829	16,019
WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA. (BAYOUS LE CARR AND GRAND CAILLOU)												
				NORTHBOUND						SOUTHBOUND		
8	485		114	52	18	669	1,065		168	60	27	1,320
7	697		245	57		999	301		223	193	4	721
6	1,827		945	34	50	2,856	1,078		262	394	108	1,842
5	4,708		172	28	4	4,912	530		163	21	1	715
4	116		343	56	2	537	621		678	104	3	1,406
3	7			111	1	119	4,573			53	4	4,630
2			12	794	50	856	95		22	265	87	469
1			1	22	1	24				10	22	32
TOTAL-	7,541		1,871	1,154	126	11,992	9,263		1,516	1,100	256	11,135
ATCHAFALAYA RIVER, LA., MORGAN CITY TO GULF OF MEXICO												
				NORTHBOUND						SOUTHBOUND		
17				1		1			2	12		14
16	2		8			10	1		8			9
15	9		1	5		15	10			3		13
14	40		13			53	52		20	3		75
13	45		17	7		69	170		33	1		204
12	363		45	5		433	435		58	7		500
11	495		25	1	2	523	756		26			782
10	534		31	3	8	576	503		37	11	6	547
9	461		91	260	33	845	306		94	22	8	430
8	544		108	505	116	1,371	508		128	35	10	691
7	578		138	11		787	494		204	13		711
6 AND LESS-	6,115		1,819	276	238	8,448	6,021		1,816	1,054	444	9,335
TOTAL-	9,186		2,376	1,174	397	13,133	9,256		2,426	1,161	468	13,511
ATCHAFALAYA RIVER, LA.												
				NORTHBOUND						SOUTHBOUND		
12	3				21	24	2		3			8
11	7		29	10	38	84	59		35		56	150
10	61		10	82	96	249	49		10	48	73	180
9	29		141	103	345	638	25		140	325	209	499
8	46		298	34	212	590	20		256	695	164	1,175
7	40		746	16	3	815	16		764	35	9	823
6 AND LESS-	2,701		1,477	1,179	505	5,862	2,694		1,526	537	534	5,291
TOTAL-	2,587		2,711	1,424	1,240	8,262	2,865		2,733	1,544	1,123	8,166

## NEW ORLEANS, LA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY		DIRECTION					DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
RED RIVER BELOW FULTON, ARK.												
9			42	295	63	400	1		44	158	129	332
8			54	697	2	753			60	23	2	85
7			286	22	1	309			314	3	4	321
6	1		231	6		238	5		226	3	1	235
5			46			46			130	1		131
4			2	2		4			2	128		130
3				7		7				1		1
2			5	174	77	256			6	231	31	268
1			2	4		6				669		669
TOTAL	1		668	1,207	143	2,019	6		782	1,217	167	2,172
GULF INTRACOASTAL WATERWAY, MORGAN CITY-PORT ALLEN ROUTE												
12		1	11		71	83			4		57	61
11			53	1	53	107			58	9	123	190
10			40	129	159	328			30	38	186	254
9		2	530	1,659	2,258	4,449	1		533	1,805	1,204	2,743
8			548	199	1,003	1,750		1	529	395	447	1,372
7			379	259	52	690	1		375	840	24	640
6 AND LESS	1,247		1,006	1,060	1,643	4,956	1,243	1	933	1,414	3,509	7,100
TOTAL	1,247	3	2,567	3,307	5,239	12,363	1,245	2	2,462	3,101	5,550	12,360
PETIT ANSE, TIGRE AND CARLIN RAYOUS, LA.												
8	1		22	8	55	86			27	1,048	28	1,103
7			25	2	1	28			15	5		20
6	2		82	1	30	115	7		76	5	39	127
5	2,696		18	6		2,720	5		16	5		26
4	566		11	11		588	1		11	5		17
3				3		3	2,691					2,691
2			2	902	26	930				21	17	604
1			2		11	13	566				1	1
TOTAL	3,265		162	933	123	4,483	3,270		145	1,089	85	4,589
LAKE CHARLES DEEP WATER CHANNEL, LA.												
20		1			1	2					2	2
17				2		2						
16			2			2						
15									1			1
14					14	14				9		9
13			10		82	92			7		7	14
12	1		49	16	130	180			32	13	247	292
11	2		274		287	569	8		233	25	379	645
10	11		171	64	1,020	1,266	10		164	124	1,095	1,393
9	35	3	1,416	1,331	4,177	6,962	8	1	1,448	1,474	2,936	5,861
8	47	1	1,311	302	1,025	2,686	61	1	1,351	1,206	942	3,561
7	1		715	362	144	1,222			700	299	69	1,072
6 AND LESS	19		1,052	2,493	3,194	6,758	57	2	1,118	1,464	4,393	7,034
TOTAL	116	5	4,930	4,570	10,074	19,695	148	4	5,053	4,806	10,073	19,884
BAYOU TECHE, LA.												
11											2	2
10	1		3	30	2	35	1			14	5	20
9			18			18			16	31	64	111
8			21	69		90	2		22	63	98	145
7	2		53	7		62			49	14	3	66
6	8		178	33	19	258	3		190	13	24	230
5	1		33		2	36	4		32	4		40
4	3			4	43	50				2		2
3			5	7	31	43			5	8		13
2			5	64	65	134			2	123	3	128
1				7	3	10				10	1	11
TOTAL	15		336	221	165	737	10		316	282	160	768
VERMENTAJ RIVER, LA.												
10					57	206			2		26	195
9	147		2		98	138	167		62	6	95	190
8	54		26		43	141			27	57	37	165
7	65		32		5	93			28	2	1	548
6	13		541	4		545	25		522	36	169	784
5	85		516	45	177	844	128		452	1	153	353
4	9		96		6	101	156		99	20	76	125
3	22		11		3	61	1		34	34	1	16
2	144			30	2	176				69	147	232
1				45	219	264				27	20	47
TOTAL	539		1,242	297	699	2,197	577		1,178	252	669	2,676
BAYOU TECHE AND VERMENTAJ RIVER, LA.												
10					11	308			5	32	71	965
9	269		3	25	39	566	1,001		13	25	58	1,127
8	498		27		2	48			47	1	8	276
7	318		48	129	6	48			278	20	1	429
6	856		249	21		1,106	130					

## NEW ORLEANS, LA., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DRAFT (FEET)			
	SELF-PROPELLED VESSELS		NON-SELF-PROPELLED VESSELS		TOTAL		TOTAL	
	PASSENGER AND TUG BOAT	TANKER	DRY CARGO	TANKER	PASSENGER AND TUG BOAT	TANKER	DRY CARGO	TANKER
BAYOU TECHE AND VERMILION RIVER, LA. (CONTINUED)								
			UPBOUND				DOWNBOUND	
6	979		152	144	1,661	777	375	27
5	165		19	4	391	407	205	12
4	17		70	89	342	7	171	83
3	334		28	8	369	7		86
2	3		160	174	337	3	1	389
1	1		44	9	54		1	25
TOTAL	3,440	1,123	664	447	5,674	3,414	1,089	730
MERMENTAU RIVER, BAYOUS NEZPIQUE AND DES CANNES, LA.								
			NORTHBOUND				SOUTHBOUND	
12			2	5	7			21
11	1	9		50	56		8	49
10		5	3	166	174	1	3	80
9	1	126	40	249	396	1	117	209
8	2	125	30	58	215	2	115	98
7		45		16	61		47	2
6 AND LESS	1	399	156	428	974		382	556
TOTAL	5	675	231	972	1,883	4	672	1,005
CALCASIEU RIVER AND PASS, LA.								
			INBOUND				OUTBOUND	
40		1			1			
39	1	1			2			
38		21		1	22			
37		26	9		35	6	16	10
36		16			16	8	19	
35	1	10		1	12	8	21	2
34		6			6	14	12	
33	1	8			9	17	7	10
32	4	9			13	23	9	4
31	8	7			15	10	5	1
30	7	5		1	13	15	11	
29	3	5			8	16	11	2
28	8	9		1	18	22	18	1
27	10	9	1		21	43	26	1
26	8	8			16	14	32	4
25	11	6	1	5	24	29	10	4
24	20	6	1	2	29	37	19	21
23	17	8			25	14	10	1
22	18	15			33	14	9	1
21	21	9	1	10	41	11	4	1
20	32	16	39		87	9	4	3
19	28	12	19	2	62	15	14	
18 AND LESS	6,985	23	3,167	1,011	19,208	6,946	5	3,132
TOTAL	7,178	236	3,238	1,013	19,716	7,271	247	3,201
PORT OF NEW ORLEANS, LA.								
			INBOUND				OUTBOUND	
40	6	106			112	194	76	270
39	11	127			138	127	103	230
38	22	77			99	152	74	226
37	20	47	25		92	104	36	167
36	35	39		1	75	126	62	209
35	44	41			85	128	88	224
34	38	35			73	112	68	182
33	69	44			112	106	88	216
32	80	49			129	208	88	308
31	108	42			150	165	63	228
30	153	43		1	197	228	70	316
29	129	28		1	158	133	47	179
28	168	38		1	207	212	72	287
27	195	46	2	8	252	246	60	309
26	217	49	11	19	312	195	60	337
25	236	46	7	3	295	287	66	367
24	319	75	12	2	408	224	74	291
23	350	71	1	4	439	195	44	295
22	345	65		1	421	245	41	311
21	369	55	1	7	433	234	33	279
20	347	54	16	1	418	252	34	308
19	296	48	10	2	356	170	12	201
18 AND LESS	5,983	217	15,595	18,911	77,306	5,514	85	15,584
TOTAL	9,539	1,442	15,640	18,766	82,267	9,544	1,424	15,683
PORT OF BATON ROUGE, LA.								
			INBOUND				OUTBOUND	
40	9	72			81	18	21	10
39	42	128			170	17	19	7
38	27	76			101	46	39	42
37	19	69			88	23	19	1
36	17	36			53	42	36	1
35	18	18			34	57	77	114
34	15	17			32	34	47	81
33	28	19			51	24	30	1
32	26	18	3	1	44	16	29	2
31	25	22			47	22	25	47
30	19	21			40	68	36	114
29	21	23		1	45	21	28	48
28	23	19			42	42	49	47
27	31	23			54	27	34	41

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## NEW ORLEANS, LA., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND TUGBOAT OR TUGBOAT	TANKER	DRY CARGO	TANKER		PASSENGER AND TUGBOAT OR TUGBOAT	TANKER	DRY CARGO	TANKER	
PORT OF BATON ROUGE, LA.--(CONTINUED)			INBOUND					OUTBOUND		
26 - - - - -	34	32	3	19	3	32	170	9		211
25 - - - - -	48	44	4	1	5	52	60	1	1	114
24 - - - - -	57	50			2	44	49			89
23 - - - - -	43	38	5		2	31	31		4	67
22 - - - - -	52	48			1	53	31		1	85
1 - - - - -	55	41				37	16	1	1	63
20 - - - - -	79	64		1	144	57	40		4	103
19 - - - - -	52	23	5		80	21	7	5	2	37
18 AND LESS - - - - -	222	94	3,786	11,396	8,344	167	41	3,917	11,373	8,413
TOTAL - - - - -	982	1,004	3,803	11,420	8,359	991	976	3,933	11,381	8,444
ANITE RIVER AND BAYOU MANCHAC, LA.	NO VESSEL TRIPS		REPORTED							
BAYOU BONFOUCA, LA.			UPBOUND					DOWNBOUND		
TOTAL, 10 AND LESS - - - - -	375		19	253	22	375		38	252	21
BAYOU DUPRE, LA.			EASTBOUND					WESTBOUND		
TOTAL, 9 AND LESS - - - - -	282		28	16	51	282		18	16	90
BAYOU GROSSE TETE, LA.	NO VESSEL TRIPS		REPORTED							
BAYOU LACOMBE, LA.			UPBOUND					DOWNBOUND		
TOTAL, 7 AND LESS - - - - -	14		5	10		14		7	12	
BAYOU PLAQUEMINE BRULE, LA.	NO VESSEL TRIPS		REPORTED							
BAYOU SEGNETTE WATERWAY, LA.			UPBOUND					DOWNBOUND		
TOTAL, 7 AND LESS - - - - -	285				285	287		1		1
BAYOUS LA LOUTRE, ST. MALO, AND YSCLOSKEY, LA.			EASTBOUND					WESTBOUND		
TOTAL, 8 AND LESS - - - - -	2,289		52	51	3	2,275		68	50	2
BIG PIGEON AND LITTLE PIGEON BAYOUS, LA.			UPBOUND					DOWNBOUND		
TOTAL, 8 AND LESS - - - - -	10		178	3	127	10		190	7	133
CHEFUNCTE AND BOQUE FALIA RIVERS, LA.			UPBOUND					DOWNBOUND		
TOTAL, 9 AND LESS - - - - -	319		18	81	2	319		22	85	
CYPRESS BAYOU AND WATERWAY BETWEEN JEFFERSON, TEX., AND SHREVEPORT, LA.	NO VESSEL TRIPS		REPORTED							
FRANKLIN CANAL, LA.			UPBOUND					DOWNBOUND		
TOTAL, 9 AND LESS - - - - -			3	14	8			5	22	7
FRESHWATER BAYOU, LA.			UPBOUND					DOWNBOUND		
TOTAL, 12 AND LESS - - - - -	6		69	7	68	1		96	7	94
TICKFAW, NATALBANY, PONCHATOULA, AND BLOOD RIVERS, LA.	NO VESSEL TRIPS		REPORTED							
VINTON WATERWAY, LA.			NORTHBOUND					SOUTHBOUND		
TOTAL, 7 AND LESS - - - - -			2		2			2		2
LAKE MAUREPAS, LA.			UPBOUND					DOWNBOUND		
TOTAL, 7 AND LESS - - - - -	2		467	563	6	1,038		417	928	6
LAKE PONTCHARTRAIN, LA.			NORTHBOUND					SOUTHBOUND		
TOTAL, 10 AND LESS - - - - -	838		1,716	3,744	204	844		1,764	3,409	208
					6,102					6,225

# GALVESTON, TEX., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
JOHNSONS BAYOU, LA.												
8				176		176			131		131	277
7					1					15	130	145
6				35		35			31		75	110
5				140		140			169		34	203
4				43		43			55		6	61
3										7	1	8
2					46	46						
1					348	348						
TOTAL				364	395	774			386	22	403	811
SABINE-NECHES WATERWAY, TEX.												
40	2	90				92	6	16				22
39	1	240				241	7	33				40
38	1	149				150	11	39				50
37		120	3			123	6	39	3			48
36	2	62				64	12	98			1	111
35	5	71			2	76	12	143			1	156
34	3	48				51	18	106			2	126
33	3	33				36	21	86				107
32	2	20				22	31	105				136
31	2	22				24	14	53			1	68
30	4	33			1	38	37	107			6	150
29	8	22	1		1	32	22	51			17	90
28	9	26				35	29	137			4	170
27	15	24	1		1	41	16	120			2	138
26	20	30			2	52	32	130	1		4	167
25	25	48	1		2	76	46	167	1		4	218
24	28	49			1	78	40	51			7	98
23	23	48		1	1	73	22	25			18	65
22	32	48	2		2	85	41	24			5	70
21	37	36			1	74	11	15	1	1	11	39
20	49	54	16	1	13	133	29	21	17		10	77
19	40	34	9	1	3	87	14	18	8	5	9	54
18 AND LESS	1,299	318	12,300	5,047	14,084	33,048	1,143	83	12,135	4,919	13,804	32,084
TOTAL	1,610	1,625	12,333	5,051	14,114	34,733	1,620	1,667	12,166	4,925	13,906	34,284
ORANGE, TEX. (SAHINE RIVER)												
31							1					1
30							2					2
29							1					1
28							1					1
27	1					1						
26	1					1	1					1
25							1					1
24	1					1	2					2
23		1				1						
22	1	1				2						
21	1	1				2						
20		1	1			2						
19							1	1	1			2
18 AND LESS	9	1	544	184	178	936	3	1	583	174	172	933
TOTAL	13	4	545	184	178	944	12	2	584	174	172	944
BEAUMONT, TEX. (NECHES RIVER)												
40	1	62				63	3	13				16
39		103				103	2	19				21
38	1	96				97	6	20				26
37		93	3			96	4	24	3			31
36		43				43	5	66			1	72
35	2	45			1	48	8	90			1	99
34	2	33				35	13	65			2	80
33	1	28				29	6	53				59
32	1	16				17	18	48				66
31	1	13				14	5	33			1	39
30	2	26			1	29	15	56			6	77
29	3	14				17	9	27			17	53
28	5	16				21	11	56			3	70
27	6	20			1	27	10	49			2	61
26	11	14			2	27	16	63			4	83
25	13	31			2	46	22	139			3	164
24	14	33			1	48	17	34			7	68
23	11	33		1		45	12	15			18	45
22	15	36	1	1	1	54	17	18			3	51
21	16	32				49	6	8			11	25
20	30	40	12		12	94	8	14	17		6	38
19	20	18	9		4	53	6	10	7		8	35
18 AND LESS	90	113	7,113	701	4,597	12,634	35	47	7,003	576	4,504	12,165
TOTAL	245	968	7,157	703	4,623	11,696	247	967	7,023	580	4,597	13,414
PORT ARTHUR, TEX.												
40	2	90				92	6	16				22
39	1	241				242	7	33				40
38	1	190				191	11	38				49
37		119	3			122	6	36	3			45
36	2	62				64	12	97			1	110
35	3	69			2	76	12	145			1	158
34	3	47				57	18	107			2	127
33	3	32				35	21	87				108

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## GALVESTON, TEX., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
PORT ARTHUR, TEX.--(CONTINUED)										
	INBOUND					OUTBOUND				
32	2	21			23	31	105			136
31	2	22			24	14	53			68
30	4	32		1	37	37	109			146
29	8	23	1		32	22	50			82
28	9	25			34	28	138			170
27	15	28	1		45	16	116			134
26	20	30		2	52	32	130	1		167
25	25	46	1		74	46	169			220
24	28	48		1	77	40	90	1		97
23	23	48		1	73	22	24			64
22	32	49	2	1	86	40	23			68
21	37	40		1	78	11	10	1	1	34
20	49	52	15	1	130	29	20	17		74
19	40	34	9	2	87	14	18	8	4	54
18 AND LESS	224	278	4,866	504	1,845	77	69	4,867	924	1,970
TOTAL	539	1,586	4,898	509	1,873	552	1,643	4,898	929	2,071
SABINE PASS HARBOR, TEX.										
	INBOUND					OUTBOUND				
40	2	89			91	6	16			22
39	1	237			238	7	21			28
38	1	148			149	11	40			51
37		119	3		122	6	34	1		41
36	2	62			64	12	57			70
35	5	69		2	76	12	129		1	138
34	3	45			48	18	115		2	135
33	3	30			33	21	103			124
32	2	21			23	31	99			130
31	2	20			22	14	65		1	80
30	4	30		1	35	37	111		6	154
29	8	21	1		30	22	51		17	90
28	9	23			32	29	140		4	173
27	15	20	1		37	16	114		1	131
26	20	29		2	51	32	129	1	2	164
25	25	41	1		69	46	169		4	220
24	28	44		1	73	40	46	1	7	93
23	23	47		1	72	22	23		18	63
22	32	45	2	1	82	41	18		6	65
21	37	35		1	73	11	11	1	1	35
20	49	49	11	1	122	29	15	14		66
19	40	36	9	1	88	14	13	7	4	46
18 AND LESS	1,240	299	962	75	3,088	1,055	49	991	77	2,549
TOTAL	1,551	1,559	990	79	539	1,532	1,964	976	82	514
ANANUAC CHANNEL, TEX.										
	NORTHBOUND					SOUTHBOUND				
8		6			26		4		8	12
7		142			151		146			146
6		16		3	32		15		168	183
2				172	172				33	34
TOTAL		164		42	175		163		33	177
CEDAR BAYOU, TEX.										
	UPBOUND					DOWNBOUND				
11		5			5		5			5
10		61			66		20		16	36
9		20	13		55		37			37
8		56			147		77			77
7		79			80		51			51
6		41			41		16			16
5		16			16		16			16
2				15	15				147	10
TOTAL		219		193	13		206		163	10
HOUSTON SHIP CHANNEL, TEX.										
	INBOUND					OUTBOUND				
40	11	47			58	19	10			29
39	14	133			147	29	27		4	60
38	8	210			218	40	47		8	95
37	13	96	15		124	51	67	13	2	140
36	11	71			82	71	61		3	135
35	17	51			69	89	96		2	187
34	33	63		1	97	60	126			186
33	42	35			77	60	73		1	134
32	53	57		2	112	132	86			218
31	57	63		1	121	83	83		1	167
30	99	59		2	141	174	76	1	1	252
29	100	56		2	158	105	63			168
28	112	73		5	190	182	97			279
27	135	68	1		207	154	97	1	1	253
26	167	46	1	6	241	225	230	17		472
25	199	77	2	4	288	186	140		2	328
24	189	78	2	27	303	214	82	1	3	320
23	191	91	2	5	292	183	71		3	260
22	244	89	4	15	355	203	60		5	272
21	251	116	2	7	377	162	52	2	10	230
20	217	99	7		328	223	86	7	2	320
19	199	61	11	3	274	129	47	8	7	191
18 AND LESS	1,751	180	10,245	5,283	13,531	713	137	10,218	5,051	13,442
TOTAL	3,413	1,939	10,292	5,348	13,577	3,527	1,914	10,268	5,074	13,494

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF-PROPELLED VESSELS			NON-SELF-PROPELLED VESSELS		TOTAL	SELF-PROPELLED VESSELS			NON-SELF-PROPELLED VESSELS		TOTAL
	PASSENGER AND CARGO	TANKER	TOWBOAT AND TUG	PASSENGER AND CARGO	TANKER		PASSENGER AND CARGO	TANKER	TOWBOAT AND TUG	PASSENGER AND CARGO	TANKER	
TEXAS CITY CHANNEL, TEX.												
41		3		INBOUND		3		1	1	OUTBOUND		2
40		12				12		1				1
39		66				66		3				3
38		57				57		11				11
37		25	9			34		6	9			15
36		18				18		13			25	38
35		9				9		12				12
34		16				16	1	14				15
33		12				12		24				24
32		10				10	1	22				23
31		33				33		50				50
30		20				20		55				55
29		27				27		37				37
28		34				34		79				79
27	1	36	1		1	43		29	1		1	5
26		31			3	34		51			2	53
25		28			1	29		31			3	34
24		22			3	25	1	45			2	48
23		18				18		20			2	22
22		18				18		20			9	29
21		17				17		11			1	12
20		25	15			40		26	15		42	55
19		12	7		5	24		8	4		5	19
18 AND LESS	3	37	1,850	44	4,524	6,458	2	35	1,868	45	4,416	6,366
TOTAL	4	588	1,892	44	4,542	7,060	5	604	1,900	45	4,472	7,026
GALVESTON HARBOR, TEX.												
40		65		INBOUND		77	25	12	1	OUTBOUND		38
39		18	205			223	45	32			4	81
38		9	271			280	51	59			8	110
37		16	124	24		164	59	74	22	2	7	164
36		20	91			111	93	76			28	197
35		26	83		1	90	115	113			2	230
34		40	81		1	122	45	164				249
33		52	47			99	47	128			1	216
32		56	68		2	136	158	119				277
31		72	98		1	171	98	133			1	322
30		129	80		2	212	209	136	1		1	347
29		131	84		1	216	133	103		3		239
28		138	110		6	254	217	179			1	397
27		166	110	2	6	287	182	129			6	319
26		218	102	1	5	331	276	285	17	1	2	518
25		244	111	2	7	363	233	179			6	412
24		248	109	3	28	394	284	133		3	4	426
23		259	112	2	5	381	228	94	2	3	4	333
22		340	114	4	16	478	260	85		7	13	365
21		320	140	5	7	473	211	66	7	10	5	299
20		262	134	22	8	443	292	144	22	4	3	435
19		247	84	24	6	363	168	58	17		12	255
18 AND LESS	1,596	218	351	41	353	2,559	1,455	147	361	77	373	2,413
TOTAL	4,449	2,621	440	110	419	4,239	4,964	2,618	52	110	482	8,676
GALVESTON CHANNEL, TEX.												
39		9		INBOUND		14	22	2		OUTBOUND		24
38		1	4			5	11	1				12
37		3	3			6	9	1				10
36		9	2			11	22	2				24
35		9	3			12	26	5				31
34		7				7	24	24				31
33		10				10	27	31				38
32		13	1			14	25	11				36
31		15	2			17	15					15
30		30	1			31	35	5				40
29		31	1			32	28	3				35
28		26	3	1		29	35	3		3		38
27		30	6			36	28	3				39
26		51	5			56	51	4				55
25		45	6	1		52	47	8		1		55
24		59	9	1	1	70	49	6	1	2	1	58
23		68	3			71	45	3				48
22		96	7	1	1	105	57	5		2		62
21		69	7	3		79	49	3	5			57
20		65	10			75	49	2		2		73
19		48	11	6		65	30	3	1			45
18 AND LESS	119	34	525	473	274	2,125	798	7	522	547	272	2,146
TOTAL	1,529	127	515	477	276	2,924	1,510	102	531	557	273	3,000
CHOCOLATE BAYOU, TEX.												
9			219	UPBOUND		219			234	DOWNBOUND		234
8			211	14	951	1,204			214	12	512	758
7			118	36	273	327			119	54	54	269
6 AND LESS			470	13	417	537			347	1	26	148
TOTAL			948	63	1,653	2,684			904	56	1,216	2,682

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## GALVESTON, TEX., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
SAN BERNARD RIVER, TEX.				UPBOUND					DOWNBOUND		
9 - - - - -			67	119	4	190		72	1	248	341
8 - - - - -			30			30		39		3	42
7 - - - - -			95	4		99		102	6		108
6 - - - - -			10			10		17			17
5 - - - - -								25			25
2 - - - - -				1	274	275			202	10	212
TOTAL - - - - -			202	124	278	604		255	209	241	745
FREEPORT HARBOR, TEX.				INBOUND					OUTBOUND		
39 - - - - -			5			5		2			2
38 - - - - -			43			43		1			10
37 - - - - -	1		33	9		43		9			8
36 - - - - -			108			108		8			19
35 - - - - -			134			134	1	18			18
34 - - - - -			30			30		18			13
33 - - - - -			39			39	1	12			26
32 - - - - -			11			11	3	22		1	33
31 - - - - -	2		8			10	2	30		1	26
30 - - - - -	6		17			23	11	14		1	22
29 - - - - -	4		12			16	6	16			47
28 - - - - -	1		19		2	22	8	36		3	68
27 - - - - -	4		8	1	2	15	9	54	1	4	39
26 - - - - -	8		14		4	26	7	31		1	139
25 - - - - -	10		18		3	31	16	123			46
24 - - - - -	9		15		1	25	4	42			108
23 - - - - -	5		19			24	6	102			26
22 - - - - -	11		10			21	6	20			13
21 - - - - -	9		9			14	3	10			29
20 - - - - -	4		17			21		29			11
19 - - - - -	3		15			18	3	6	2		2,575
18 AND LESS - - - - -	385	51	738	309	1,110	2,593	355	21	763	293	1,143
TOTAL - - - - -	458	635	748	309	1,122	3,272	441	615	775	293	1,154
COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.				UPBOUND					DOWNBOUND		
9 - - - - -			26	112	94	232		17		82	99
8 - - - - -			19		6	25		13		66	79
7 - - - - -			54		1	55		57		11	68
6 - - - - -			116		1	117		129		2	131
5 - - - - -			25			25		26			26
2 - - - - -					142	142			98	84	182
TOTAL - - - - -			240	112	244	596		242	98	245	585
MATAGORDA SHIP CHANNEL, TEX.				INBOUND					OUTBOUND		
35 - - - - -	2					2					2
34 - - - - -	9					9					1
33 - - - - -	40					40					2
32 - - - - -	5					5					6
31 - - - - -	8					8					5
30 - - - - -	2					2					13
29 - - - - -	3					3	2				10
28 - - - - -	10					10	1				19
27 - - - - -	12					12	2				23
26 - - - - -	8					8	6				18
25 - - - - -	10					10	5				11
24 - - - - -							13				19
23 - - - - -	6	2				8	10				23
22 - - - - -	6					6	19				18
21 - - - - -	1					1	23				11
20 - - - - -							17	1			19
19 - - - - -	1				3	4	11				16
18 - - - - -	1					1	19				8
17 - - - - -	4		8		4	16	8		8		2
16 - - - - -	7				1	8	5	1	2		2
15 - - - - -	5					5	2				1
14 - - - - -	3					3	1				600
12 AND LESS - - - - -	11		199	244	264	718	11		239	128	222
TOTAL - - - - -	154	2	217	244	272	879	155	2	249	128	222
CHANNEL TO VICTORIA, TEX.				INBOUND					OUTBOUND		
9 - - - - -			278	50	163	491		312	639	137	1,088
8 - - - - -			130	3	110	243		135	571	46	752
7 - - - - -			340	7	8	395		395	77	11	483
6 - - - - -			78	4	7	89		86		4	90
5 - - - - -				1	4	5			1	1	2
4 - - - - -				1	4	5				49	14
3 - - - - -				169	29	198			3	11	206
2 - - - - -			1	1,101	143	1,245			22	184	4
1 - - - - -										4	
TOTAL - - - - -			847	1,334	468	2,671		928	1,313	447	2,688
CORPUS CHRISTI SHIP CHANNEL, TEX.				INBOUND					OUTBOUND		
46 - - - - -		3				3					
45 - - - - -		8				8					



## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION					
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CORPUS CHRISTI SHIP CHANNEL, TEX.--(CONTINUED)												
				INBOUND						OUTBOUND		
44			3			3						
43			7			7						
42		24	5			29		2				2
41		6	7			13		1				1
40		3	7			10		1	1			2
39		2	25			27		2	13			15
38		19	104			123		24	59			83
37		16	47			63		15	29			44
36		6	19			25		15	53			68
35		8	22			30		7	51			62
34		14	21	1		36		23	93		4	119
33		6	22			28		9	25			35
32		22	11			33		17	27			47
31		4	18			22		20	29			50
30		3	14			17		16	43			61
29		2	11			13		18	7			32
28		7	14			21		13	73	1		90
27		9	8			17		9	22			31
26		8	25			33		69	52	1		122
25		14	26		3	43		11	31		1	43
24		17	31	1	4	53		20	36		1	60
23		17	24	1	2	44		11	10			27
22		14	38		6	52		8	18			34
21		17	27		6	44		6	15		4	40
20		34	28	15	6	63		14	13	12		42
19		14	16	17	2	49		7	3	18		30
18 AND LESS		458	106	2,142	459 3,707	6,870		446	11	2,215	440 3,586	6,698
TOTAL		742	697	2,176	460 3,730	7,805		784	714	2,247	447 3,646	7,838
HARBOR ISLAND, TEX.												
				INBOUND						OUTBOUND		
46			3			3						
45			8			8						
44			3			3						
43			7			7						
42		24	5			29		2				2
41		6	7			13		1				1
40		3	7			10		1	1			2
39		2	25			27		2	13			15
38		19	104			123		24	59			83
37		16	47			63		15	29			44
36		6	19			25		15	53			68
35		8	22			30		7	51			58
34		14	21	1		36		23	93			116
33		6	22			28		9	25			34
32		22	11			33		17	27			44
31		4	18			22		20	29			49
30		3	14			17		16	43			59
29		2	11			13		18	7			25
28		7	14			21		13	73			86
27		9	8			17		9	22			31
26		8	25			33		69	52			121
25		14	26			40		11	31			42
24		17	31		1	49		20	36			56
23		17	24		1	42		11	10			21
22		14	38			52		8	19			27
21		17	27			44		6	15			21
20		34	28	2		64		14	13	2		29
19		14	16	1		31		7	3			11
18 AND LESS		454	106	254	131 399	1,344		443	11	237	186 419	1,296
TOTAL		740	697	257	132 401	2,227		741	715	239	187 419	2,341
CORPUS CHRISTI, TEX.												
				INBOUND						OUTBOUND		
42		24	2			26		2				2
41		6	1			7		1				1
40		3	1			4		1				1
39		2	14			16		2	12			14
38		19	91			110		24	50			74
37		16	36			52		15	28			43
36		6	16			22		15	51			66
35		8	17			25		7	49			56
34		14	19			33		23	67		4	100
33		6	17			23		9	23			33
32		22	9			31		17	24			44
31		4	15			19		20	26		1	47
30		3	14			17		16	40		2	58
29		2	8			10		18	7			32
28		7	11			18		12	64	1		85
27		9	7			16		9	21			30
26		8	23			31		69	41	1		111
25		14	23		3	44		11	25		1	37
24		17	31	1	3	52		20	36			60
23		17	24	1	1	43		11	10			27
22		14	38		6	52		8	19			34
21		17	27			44		6	15		4	40
20		34	28	13	6	61		14	13	11		42
19		14	16	16	2	48		7	3	18		30
18 AND LESS		449	106	1,939	328 3,281	4,199		429	10	2,014	254 3,326	6,333
TOTAL		731	594	1,970	328 3,302	6,925		765	636	2,045	260 3,386	7,002

**GALVESTON, TEX., DISTRICT**

### TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
TRIBUTARY ARROYO COLORADO, TEX.				UPBOUND					DOWNBOUND			
12					58	58				2	2	
11										2	4	
10			1		37	38		2		1	7	
9			10	31	80	121		20		6	7	
8			96	8	28	132		87	2	35	57	
7			46	6		52		55	2	1	88	
6			1		1	2				2	59	
4					2	2		2			2	
3											6	
2				4	25	29			6	190	229	
1									39	2	2	
TOTAL			154	49	231	434		167	49	240	456	
BRAZOS ISLAND HARBOR, TEX.				INBOUND					OUTBOUND			
34							1				1	
33						1					1	
32	4	1				5		1			1	
31	4	4				8	2	1			3	
30	5	3		1		9	6	3			9	
29	2	3				5	2	2			4	
28	7	1				8	5	2			7	
27	9	2		1		12	4		1		5	
26	9	6				15	2	9			7	
25	11	4				15	1	2	1		4	
24	7	1				8	7				7	
23	6	2				8	9	1		8	18	
22	12	1				13	4			1	8	
21	6	2		1		9	10	1		1	12	
20	8	4	10	1		23	20	9	11	9	45	
19	12	1	1	1		15	21	6	2	5	34	
18 AND LESS	464	6	311	488	472	2,131	881	12	272	499	443	
TOTAL	966	42	312	493	472	2,285	975	44	286	524	443	
2,285												
PORT ISABEL, TEX.				INBOUND					OUTBOUND			
19	3					3	3				3	
18 AND LESS	778		40	105	63	1,026	780		93	107	59	
TOTAL	781		40	105	63	1,029	783		93	107	59	
1,029												
BROWNSVILLE, TEX.				INBOUND					OUTBOUND			
34							1				1	
33						1					1	
32	4	1				5		1			1	
31	4	4				8	2	1			3	
30	5	3		1		9	6	3			9	
29	2	3				5	2	2			4	
28	7	1				8	5	2			7	
27	9	2		1		12	4				5	
26	9	6				15	2	9	1		7	
25	11	4				15	1	2			4	
24	7	1				8	7		1		7	
23	6	2				8	9	1		8	18	
22	12	1				13	4	3		1	8	
21	6	2		1		9	10	1		1	12	
20	8	4	10	1		23	20	9	11	9	45	
19	9	1	1	1		12	18	6	2	5	31	
18 AND LESS	86	6	222	383	409	1,106	101	12	107	392	393	
TOTAL	195	42	233	388	409	1,257	192	44	201	417	393	
1,257												
CHANNEL TO ARKANSAS PASS, TEX.				INBOUND					OUTBOUND			
TOTAL, 9 AND LESS	860		3		3	866	861		3		867	
866												
CHANNEL TO PALACIOS, TEX.				INBOUND					OUTBOUND			
TOTAL, 10 AND LESS			43	69		112			28	68	96	
112												
CHANNEL TO PORT BOLIVAR, TEX.				INBOUND					OUTBOUND			
TOTAL, 10 AND LESS	20,031		3			20,034	20,031		3		20,034	
20,034												
CLEAR CREEK, TEX.				UPBOUND					DOWNBOUND			
TOTAL, 7 AND LESS			178	41		219			188	41	229	
219												
DICKINSON BAYOU, TEX.				UPBOUND					DOWNBOUND			
TOTAL, 7 AND LESS			6	9	2	17			10	9	21	
17												
DOUBLE BAYOU, TEX.				UPBOUND					DOWNBOUND			
TOTAL, 7 AND LESS			1,499	1,007	13	2,519			1,499	1,007	2,516	
2,519												
PORT HANSFIELD, TEX.				INBOUND					OUTBOUND			
TOTAL, 10 AND LESS	9,935		48	67		10,002	9,935		46		10,048	
10,002												

## GALVESTON, TEX., DISTRICT

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ROCKPORT, TEX. TOTAL, 11 AND LESS - - - - -	249	1	2	22		271	250		2		274	
TRINITY RIVER, CHANNEL TO LIBERTY, TEX. TOTAL, 8 AND LESS - - - - -			143	24	176	343			147		348	

## MISSISSIPPI RIVER

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	DRAFT (FEET)	SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			TOTAL	
		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT		
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES (CONSOLIDATED REPORT) FOREIGN AND COASTWISE										
40 -	18	483			421	318	133		451	
39 -	101	535			636	225	186		411	
38 -	68	390			418	275	137	1	421	
37 -	45	233	25		303	178	92	25	298	
36 -	61	133			195	194	134	2	350	
35 -	67	95		1	162	205	265	2	478	
34 -	50	69			131	169	172		346	
33 -	79	77		1	248	140	152		316	
32 -	85	77			165	237	153		394	
31 -	114	77	1		277	163	112		276	
30 -	148	87			255	288	301		607	
29 -	127	97		1	167	129	219		352	
28 -	173	73			255	198	199		400	
27 -	196	87	1		295	193	152	1	347	
26 -	254	88	14		424	226	314	23	642	
25 -	278	102	11		404	314	258	1	587	
24 -	344	138	10		499	279	128	8	421	
23 -	428	113	6		567	226	84	1	330	
22 -	452	122			591	305	89		429	
21 -	455	117	1		584	277	64	2	386	
20 -	494	151	19		673	294	87	26	424	
19 -	385	87	44		520	181	26	46	265	
18 AND LESS -	1,438	360	733		3,019	936	137	724	2,361	
TOTAL -	5,862	3,631	865		11,229	5,950	3,894	864	11,292	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF PASSES (CONSOLIDATED REPORT) INTERNAL										
38 -		1			1		1		1	
37 -		1			1					
36 -		6			6		3		3	
35 -		1			1		3		3	
34 -		4			4		4		4	
33 -		4			4		1		1	
32 -		2			2		5		5	
31 -		4			4		1		1	
30 -		4			4		3		3	
29 -		6			6					
28 -		5			5		1		1	
27 -		5			5		4		4	
26 -		5			5		1		1	
25 -		3	1		4		3	5	6	
24 -		6			6		4	9	13	
23 -		5			5		1		1	
22 -		2			2		4		4	
21 -		6		1	7		5		5	
20 -		9	4		13		5		5	
19 -		3	4		7		1		1	
18 AND LESS -	18,337	16	43,119		199,072	18,443	18	42,203	197,691	
TOTAL -	18,337	96	43,128		199,173	18,443	64	42,223	197,763	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER										
9 -	14	3,519	6,690	2,771	13,014	15	1	3,391	33,988	
8 -	9	3,146	3,507	1,008	7,668	9		3,158	7,547	
7 -	1	3,516	844	56	4,377			3,421	4,360	
6 -	370	1,990	248	2	2,510	1		1,443	2,683	
5 -	238	2,458	810	4	3,510	219		1,840	2,351	
4 -		13	22	1	36	370		7	489	
3 -	2,511	157	175	18	2,861	2,509		634	3,917	
2 -	3	54	26,701	1,678	28,446	2		56	7,754	
1 -		5	910	231	746			1	163	
TOTAL -	3,146	14,918	19,505	5,767	63,326	3,173	3	13,951	63,252	
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER										
9 -	6	3,857	6,919	2,597	13,379	11	3	3,825	44,106	
8 -	18	2,066	1,074	958	4,116	17		2,054	6,483	
7 -	4	544	1,586	19	2,193			558	4,159	
6 -	162	892	502	3	1,559	162		721	1,865	
5 -		178	91	4	273			229	393	
4 -		352	594		956			333	467	
3 -	507	378	341	31	1,257	507		941	1,215	
2 -	10	75	17,893	1,595	39,573	2	2	75	4,496	
1 -		3	98	231	332			1	279	
TOTAL -	707	8,395	49,098	5,438	63,638	699	8,328	49,059	63,463	
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA.										
9 -	2	5,241	9,505	8,943	23,731	14	3	9,362	60,949	
8 -	56	2,218	1,473	2,179	5,944	56	1	2,215	11,273	

## MISSISSIPPI RIVER

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## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BATON ROUGE, LA., BATON ROUGE, LA.--(CONTINUED)												
7 - - - - -	1		711	1,770	97	2,579	1		725	4,166	78	4,970
6 AND LESS- - - - -	76	1	2,149	55,065	2,692	58,983	57	2	1,948	4,386	8,921	15,314
TOTAL- - - - -	135	1	10,379	67,813	13,911	92,239	128	6	10,250	68,827	13,295	92,526
MISSISSIPPI RIVER, BATON ROUGE, LA., TO NEW ORLEANS, LA., NEW ORLEANS, LA.												
40 - - - - -	13	310				323	228	81				309
39 - - - - -	94	433				527	170	118				288
38 - - - - -	50	285				335	199	88			8	296
37 - - - - -	29	196	25			250	121	72	25		3	221
36 - - - - -	34	110			1	145	130	104	2		20	256
35 - - - - -	35	80				95	133	210	2		6	351
34 - - - - -	25	48		12		85	113	146			5	264
33 - - - - -	39	46		91	1	177	92	84			2	178
32 - - - - -	39	38		3		80	118	98			2	218
31 - - - - -	39	53	1	89		179	71	73			1	145
30 - - - - -	41	56		20		117	130	262				392
29 - - - - -	38	42		2	2	84	39	191			2	232
28 - - - - -	47	48		8		103	63	156			1	222
27 - - - - -	49	58	1	2	6	116	51	124				175
26 - - - - -	90	53	10	30	22	209	53	283	13	12	1	362
25 - - - - -	86	74	8	3	8	179	76	217	4		3	300
24 - - - - -	195	93	6	4	2	210	89	101	9		1	200
23 - - - - -	112	96	5	12	4	189	57	64		3	5	129
22 - - - - -	139	84		8	2	233	42	72			34	168
21 - - - - -	195	97		3	2	297	59	55		12	27	154
20 - - - - -	170	134	22	3	3	332	77	73	26	11	4	191
19 - - - - -	116	97	41		2	216	33	22	41	4	6	106
18 AND LESS- - - - -	507	240	11,943	60,335	23,387	96,412	403	111	11,909	61,501	23,314	97,238
TOTAL- - - - -	2,002	2,671	12,062	60,621	23,442	103,798	2,587	2,805	12,033	61,543	23,445	102,413
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASSES												
40 - - - - -	18	390				408	318	123				441
39 - - - - -	101	543				644	225	181				406
38 - - - - -	89	347				435	275	129			7	407
37 - - - - -	45	238	25			308	178	85	26		2	291
36 - - - - -	60	139			1	200	194	129	1		12	332
35 - - - - -	67	94				161	205	233	2		12	452
34 - - - - -	51	66		12		129	169	214	1		7	391
33 - - - - -	79	82		86	1	248	140	173		22	2	337
32 - - - - -	85	78		8		171	237	162		2	2	403
31 - - - - -	114	79		84		277	163	117			2	282
30 - - - - -	148	88	1	21	1	259	248	304		18		610
29 - - - - -	127	60		1	1	189	129	217		2	3	351
28 - - - - -	173	74		9		256	198	201	1		2	402
27 - - - - -	196	88	1	2	8	295	193	142	2			337
26 - - - - -	254	96	14	44	22	430	226	307	2	78		436
25 - - - - -	278	113	11	9	7	419	314	235	4	11	3	567
24 - - - - -	344	137	10	5	2	518	279	120	14	1	5	421
23 - - - - -	428	132	6	15	6	587	226	81	1	6	14	328
22 - - - - -	452	119		15	2	588	355	92		2	33	432
21 - - - - -	455	123	1	9	8	596	277	63	2	16	28	386
20 - - - - -	496	170	23	3	4	696	294	82	27	15	3	421
19 - - - - -	385	94	45	2	2	528	191	27	47	6	6	267
18 AND LESS- - - - -	15,495	373	16,004	25,913	17,613	79,798	15,527	144	16,022	27,840	16,644	76,175
TOTAL- - - - -	20,319	3,743	16,141	26,238	17,678	84,119	20,541	3,553	16,177	28,019	16,797	85,077
PASSES OF THE MISSISSIPPI RIVER												
40 - - - - -	18	390				408	317	123				440
39 - - - - -	100	543				643	225	181				406
38 - - - - -	88	345				433	273	120			7	410
37 - - - - -	45	239	25			309	177	81	26		2	286
36 - - - - -	60	136			1	197	194	121	1		12	328
35 - - - - -	66	95				161	204	233	2		12	451
34 - - - - -	48	66		12		126	167	216	1		7	391
33 - - - - -	78	76		86	1	241	140	144		10	2	296
32 - - - - -	86	69		8		163	234	177		14	2	427
31 - - - - -	112	75		84		271	142	127			2	291
30 - - - - -	143	85	1	21		250	247	304		10		451
29 - - - - -	127	57		1	1	186	128	211		9	3	351
28 - - - - -	173	74		9		256	198	204	1		2	406
27 - - - - -	196	89	1	2	8	295	192	142	1			335
26 - - - - -	253	95	14	45	22	429	224	307	14	57		444
25 - - - - -	276	113	11	9	7	416	313	234	7	31	3	586
24 - - - - -	344	132	10	5	3	514	276	117	9	1	4	407
23 - - - - -	428	129	6	9	7	579	226	83	2	5	13	329
22 - - - - -	452	118		13	5	588	302	89		2	30	423
21 - - - - -	454	116	1	12	6	589	277	59	2	11	24	373
20 - - - - -	496	167	20	5	4	692	290	63	24	13	2	411
19 - - - - -	385	94	49	2	2	532	182	26	39	6	6	259
18 AND LESS- - - - -	15,339	355	1,373	295	388	7,751	4,932	147	1,364	474	334	7,251
TOTAL- - - - -	9,747	3,678	1,511	518	455	14,709	9,920	3,526	1,494	644	467	16,155

## WATERBORNE COMMERCE OF THE UNITED STATES, 1980

## CHICAGO, ILL., DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ILLINOIS RIVER, ILL.				UNBOUND					DOWNBOUND			
9 - - - - -			1,881	9,933	1,633	9,449		1	2,092	11,725	2,479	16,297
8 - - - - -			992	1,001	752	2,745			954	1,909	303	2,766
7 - - - - -		1	134	198	14	347			113	713	14	840
6 - - - - -			217	211	1	429			117	886	1	1,004
5 - - - - -				30	3	41				121	1	122
4 - - - - -	308			18	2	326	308			68	2	378
3 - - - - -				37	7	44				23	69	92
2 - - - - -		1	77	12,086	2,005	14,169			73	5,812	1,643	7,648
1 - - - - -				10	47	57				16	122	138
TOTAL - - - - -	319		3,301	19,532	4,464	27,607	308	1	3,349	20,373	4,654	28,685

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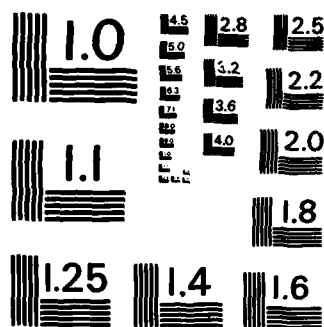
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